

20000709.qrp v01_n877.qrl.20000709

Date: Sun, 9 Jul 2000 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1877

QRP-L Digest 1877

Topics covered in this issue include:

- 1) [74598] 6 Meter QRP Activity! Yessir!
by Sam Billingsley <SBillingsley@usaninc.com>
- 2) [74599] Hexbeam Anyone?
by Jim Durkin <jimdurkin@yahoo.com>
- 3) [74600] Diode TR Switching Questions
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 4) [74601] Re: Hexbeam Anyone?
by "George , W5YR" <w5yr@att.net>
- 5) [74602] Re: Got that F5BBD finally! (Antenna Comments)
by "Karl F. Larsen" <k5di@zianet.com>
- 6) [74603] Re: stainless steel wire resistivity?
by "Dan W. Dooley" <dandooley@pipeline.com>
- 7) [74604] Re: OT: Routes to Ft. Tuthill
by Jim Lowman <jmlowman@ix.netcom.com>
- 8) [74605] Re: stainless steel wire resistivity?
by "George , W5YR" <w5yr@att.net>
- 9) [74606] HELP:keys
by JP <jdanter@mail.i-america.net>
- 10) [74607] Re: stainless steel wire resistivity?
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 11) [74608] Power plug box
by Walter D Amos <waltk8cv@juno.com>
- 12) [74609] Re: HELP:keys
by "Rod, N0RC" <n0rc@qsl.net>
- 13) [74610] K0EVZ Final Log (oops)
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 14) [74611] Pic programming
by Robert McAtee <w5tnj@camalott.com>
- 15) [74612] Re: stainless steel wire resistivity?
by "Mike Yetsko" <myetsko@insydesw.com>
- 16) [74613] Anybody got a schematic for an FRG-7700?
by "Steve Hudson" <steve.hudson@cmdg.com>
- 17) [74614] Re: QRP-L messages?
by DYARNES@aol.com
- 18) [74615] Re: HELP:keys
by W1R0@aol.com
- 19) [74616] Re: ICOM Ham Survey

- by DYARNES@aol.com
- 20) [74617] Re: HELP:keys
by AdamN7YA@aol.com
- 21) [74618] Re: ICOM Ham Survey
by AdamN7YA@aol.com
- 22) [74619] Re: Anybody got a schematic for an FRG-7700?
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
- 23) [74620] Re: QRP-L messages?
by RangerSF5@aol.com
- 24) [74621] Re: HELP:keys
by ABCQRP <w6abc@yahoo.com>
- 25) [74622] FS: FT-990DC & FT-530 w/acc
by Jay Freeman <jay@j-freeman.net>
- 26) [74623] re: tech help
by JClinton46@aol.com
- 27) [74624] Re. favorite keys
by Pete Burbank <plburbank@kih.net>
- 28) [74625] ohr 100a
by medic361@webtv.net
- 29) [74626] Re: HELP:keys
by "William Penhallegon" <w4stx@gte.net>
- 30) [74627] ohr100a
by medic361@webtv.net
- 31) [74628] Source for Super-bright Diodes?
by "William Phinizy" <k6whp@gte.net>
- 32) [74629] CW Paddle Reviews & Confessions
by SMurph555@aol.com
- 33) [74630] 10 Meter activity?
by Bill Lazure <n2tpa@juno.com>
- 34) [74631] CQ Joel KE1LA
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 35) [74632] Re: Source for Super-bright Diodes?
by "John J. McDonough" <wb8rcr@arrl.net>
- 36) [74633] A simple RF Milliwattmeter
by wb2vuo@juno.com
- 37) [74634] ohr 20/40 manual
by StvAshcft@cs.com
- 38) [74635] CONTEST: N2CQ IARU CHAMPIONSHIP
by Ken Newman <N2CQ@citnet.com>
- 39) [74636] RE: Gel Cell Battery question
by "Ron McConnell" <rcmcc@lucent.com>
- 40) [74637] Re: SM protoboards
by "Cla KA0GKC" <ka0gkc@arrl.net>
- 41) [74638] A-1 Operator
by "w8diz" <w8diz@cinci.rr.com>
- 42) [74639] Re: HELP:keys
by Rick McKee <kc8aon@juno.com>
- 43) [74640] Re: A-1 Operator

by tom palmer <n1tp@worldnet.att.net>
44) [74641] HELP Keys
by tom palmer <n1tp@worldnet.att.net>
45) [74642] Re: SM protoboards
by n2go@arrl.net
46) [74643] Summer Fox Hunt Teams
by Bruce Rattray <rattray@gpfn.sk.ca>
47) [74644] Re: SM protoboards
by "John J. McDonough" <wb8rcr@arrl.net>
48) [74645] RE: 10 Meter activity?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
49) [74646] Visit HAWAII (ham site)
by ARDUJENSKI@aol.com
50) [74647] RE: Source for Super-bright Diodes?
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
51) [74648] RE: ohr100a
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
52) [74649] Re: 10 Meter activity?
by tom palmer <n1tp@worldnet.att.net>
53) [74650] Having trouble receiving QRP-L messages?
by "Manager QRP-L" <manager@astro.cc.lehigh.edu>
54) [74651] K2 Mountain Topping Today
by "K7FD-N7SG" <cqdx@teleport.com>
55) [74652] Re: Baluns - Last Word Plus One?
by Bill Coleman AA4LR <aa4lr@radio.org>
56) [74653] QRP-L Web Master
by "Manager QRP-L" <manager@astro.cc.lehigh.edu>
57) [74654] Re: 10 Meter activity?
by W1R0@aol.com
58) [74655] Re: stainless steel wire resistivity?
by Tom Popovic <ki3r@yahoo.com>
59) [74656] Re: Source for Super-bright Diodes?
by KV1V@aol.com
60) [74657] Re: Baluns - Last Word Plus One? plus 2
by "Karl F. Larsen" <k5di@zianet.com>
61) [74658] Re: Where does that 0.7 come from?
by wb2vuo@juno.com
62) [74659] 10 Meter Activity
by tom palmer <n1tp@worldnet.att.net>
63) [74660] Re: Visit HAWAII (ham site)
by Dean W Manley <kh6b@juno.com>
64) [74661] K2 FOR SALE!
by HAMPIL0T2@aol.com
65) [74662] HELP Keys
by "Karl F. Larsen" <k5di@zianet.com>
66) [74663] Icom Survey
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
67) [74664] Re: 10 Meter Activity

- by "Karl F. Larsen" <k5di@zianet.com>
- 68) [74665] QRP logbooks, where?
by K2UD@aol.com
- 69) [74666] Ten-tec 1340 advice
by "M0CQG" <m0cqg@dial.pipex.com>
- 70) [74667] Re: QRP logbooks, where?
by "K7FD-N7SG" <cqdx@teleport.com>
- 71) [74668] Re: Gel Cell Battery question
by John Kuklewicz N7ZN <kukl@cybrquest.com>
- 72) [74669] Re: Source for Super-bright Diodes?
by "n6wg:First n6wg:Last" <n6wg@earthlink.net>
- 73) [74670] Re: Icom Survey
by AdamN7YA@aol.com
- 74) [74671] Number 250 for 5BWAS/QRP
by tom palmer <n1tp@worldnet.att.net>
- 75) [74672] Re: Source for Super-bright LED'S
by Charles K Brown <n4so@juno.com>
- 76) [74673] Re: Number 250 for 5BWAS/QRP
by AdamN7YA@aol.com
- 77) [74674] Re: 10 Meter activity?
by Dave Sjolin <sjolin@swbell.net>
- 78) [74675] Re: QRP logbooks, where?
by Phil Wheeler <w7ox@earthlink.net>
- 79) [74676] Re: Ten-tec 1340 advice
by "Winston F. Jones" <winjones@ix.netcom.com>
- 80) [74677] FS: Arogsy-II w/PSU
by Richard Arland <k7sz@epix.net>
- 81) [74678] Re: A-1 Operator
by Brian <brian@iquest.net>
- 82) [74679] Re: A-1 Operator
by Brian <brian@iquest.net>
- 83) [74680] Re: A-1 Operator
by Phil Wheeler <w7ox@earthlink.net>
- 84) [74681] Re: A-1 Operator
by "J. Ervin Bates" <w8erv@email.msn.com>
- 85) [74682] OHR100A dial marking accuracy
by "Marshall Emm" <mgemm@mtechnologies.com>
- 86) [74683] Re: Lots of neat stuff at
by "Marshall Emm" <mgemm@mtechnologies.com>
- 87) [74684] [FS] Bug
by Joel Malman <malman@world.std.com>
- 88) [74685] Summer Fox Hunt Teams
by Bruce Rattray <rattray@gpfn.sk.ca>
- 89) [74686] Re: QRP-L Web Master
by Ron S Stone <rsstone@juno.com>
- 90) [74687] FOX HUNT TWO
by tom palmer <n1tp@worldnet.att.net>
- 91) [74688] FOX found!

- by "Karl F. Larsen" <k5di@zianet.com>
- 92) [74689] Re: FOX HUNT TWO
by "w8diz" <w8diz@cinci.rr.com>
- 93) [74690] Re: FOX HUNT TWO
by Brian <brian@iquest.net>
- 94) [74691] FOX HUNT TWO - Al Doing Great By Us Texans
by Lew Paceley <lew@paceley.com>
- 95) [74692] Fox AE2T
by Paul Womble <pwomble1@tampabay.rr.com>
- 96) [74693] FOX **LOUD** into ND
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 97) [74694] SFH guidelines ponderings
by Bruce Rattray <rattray@gpfn.sk.ca>
- 98) [74695] Re: SFH guidelines ponderings
by Bruce Rattray <rattray@gpfn.sk.ca>
- 99) [74696] Another SMK-1 on the air!
by Bob Cromwell <cromwell@ecn.purdue.edu>
- 100) [74697] FOX: Al's tagged & bagged
by "Marshall Emm" <mgemm@mtechnologies.com>
- 101) [74698] Fox_Pelt #2 Serendipitiously
by "Damon Raphael" <w7md@azstarnet.com>
- 102) [74699] Too many keys (sale)!
by Goemans <jgoemans@facstaff.wisc.edu>
- 103) [74700] Antenna Tuner Question
by "Coote, Jay" <JCoote@ci.arcadia.ca.us>
- 104) [74701] Doc the Fox
by hamjoel@juno.com

Date: Sat, 8 Jul 2000 19:00:59 -0400
From: Sam Billingsley <SBillingsley@usaninc.com>
To: "Qrp1_Submit (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [74598] 6 Meter QRP Activity! Yessir!
Message-ID: <058CBAE0931FD411B70E00805FCD5D42110071@MAILSERVER2>
MIME-Version: 1.0
Content-Type: text/plain

The guys at NOGA have been monitoring 6 meters recently since we're building the Rich Littlefield Nor'easter, a 6 mtr QRP AM xcvr. We, of course, plan to MOD it for CW and possibly DSB. We also will incorporate a VFO/Mixer to replace the xtal TX and unstable (for CW) LC NE602 mixer osc. We're getting the xcvr board from FAR Circuits and the circuit and article were published in the Communications Quarterly several years ago. So build it without MODs and use the AM mode and its like BACK to the Future a la Simple 6 mtr Gonset class rig days.

On 7/6/00 around 0300utc there was a huge opening on 6 mtrs with stations

being heard from the entire eastern states.

There was a minor opening today at 7/8/00 1610utc but still good enough for QRP CW contacts:

I'm in Atlanta GA grid EM73 and have worked EN85 and FN20 QRP @ 5W. I'm using my ICOM756 and a simple circular dipole at about 25 feet.

So dust off your 6mtr gear the time has come!

Check 10 mtrs and 15 mtrs out too they are probably open too and they are great bands for QRP and simple antennas.

Sam Billingsley AE4GX Atlanta, GA
personal web page at <http://ae4gx.home.mindspring.com/>
North Georgia QRP Club web page at <http://www.qsl.net/nogaqrp/>

Date: Sat, 8 Jul 2000 16:24:50 -0700 (PDT)
From: Jim Durkin <jimdurkin@yahoo.com>
To: qrp-1@lehigh.edu
Subject: [74599] Hexbeam Anyone?
Message-ID: <20000708232450.24051.qmail@web313.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

In QST July, 2000 page 142 Hexbeam antennas
<http://www.hexbeam.com>

They seem simple to put together and get up. Anyone know if they work?

Tnx

73

Jim kt4a

Do You Yahoo!?
Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Sat, 8 Jul 2000 16:25:13 -0700

From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [74600] Diode TR Switching Questions
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBC50@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

I have been looking over some of my Solid State Design and other QRP books; looking for methods of TR switching a 5-watt multiband CW transmitter and outboard receiver.

Questions:

Is it possible to use diode TR switching if the 5-watt transmitter is a multiband one, and uses a different set of filters per each band?

Is any RF network required between receiver and transmitter if I use diode TR?

Are there RF losses or other caveats for protecting the receiver?

Is this less hassle than a TR relay with hangtime?

Thanks

Jay

W6CJ

Date: Sat, 08 Jul 2000 18:30:28 -0500
From: "George , W5YR" <w5yr@att.net>
To: jimdurkin@yahoo.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74601] Re: Hexbeam Anyone?
Message-ID: <3967B994.D3AB6702@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The archives of

rec.radio.amateur.antenna

should contain quite a bit of material on the Hexbeam. It was the subject of intense discussion a few weeks ago.

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county

Amateur Radio W5YR, in the 54th year and it just keeps getting better!

R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556

Jim Durkin wrote:

>
> In QST July, 2000 page 142 Hexbeam antennas
> <http://www.hexbeam.com>
>
> They seem simple to put together and get up. Anyone
> know if they work?
> Tnx
> 73
> Jim kt4a

Date: Sat, 8 Jul 2000 17:35:13 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Steve Yates <aa5tb@yahoo.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74602] Re: Got that F5BBD finally! (Antenna Comments)
Message-ID: <Pine.LNX.4.10.10007081720150.840-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 8 Jul 2000, Steve Yates wrote:

> Congratulations Alan!
>
> You didn't mention what band you were on but I bet
> that end-fed halfwave vertical fed with 1/4 wavelength
> of parallel line was doing the trick for you.

snip ...

Hi Alan, there are a lot of antenna being made now that are a 1/2 wave long and fed at the base. It blew my mind wondering how they fed the voltage max end of an antenna. Then I too recalled the 2 meter antenna we all made called a J pole. At the time I was a student in college and I got so interested I did a good analysis of it. Just by looking at the antenna as a 1/2 wave radiator and the base as nothing but a transformer it all came clear.

So you have a 1/4 wave electrical matching line made of 400 ohm ribbon. I think I would put a 4:1 balun at the far end of the matching line. Then you can feed it with rg-58 or rg-188 for that matter at 5 watts. Do you just connect one side of the ribbon to the bottom of the 1/2 wire? What do you do with ribbon cable, how do you support it?

Cushcraft makes many 1/2 wave antenna and they use L-C components to make their 1/4 section. I wish I had more info on them.

Finally, with a 1/2 wave vertical antenna you never need ground wires or such. The ground wires are only needed when you have a 1/4 wave antenna and make the other 1/4 wave section as reflected from the first.

I have the ribbon and wire and balun. I will experiment in a week or so chasing the summer FOX from my mountain retreat.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sat, 8 Jul 2000 19:17:39 -0500
From: "Dan W. Dooley" <dandooley@pipeline.com>
To: <myetsko@insydesw.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74603] Re: stainless steel wire resistivity?
Message-ID: <004c01bfe93c\$3958e560\$0400a8c0@bergenbrunswick.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

So how does this apply to copper clad wire which has been up for some years?

I had a 40 m dipole up for several years, made from copper clad steel. By the time I took it down, the wire was green.

----- Original Message -----

From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Saturday, July 08, 2000 5:27 PM
Subject: Re: stainless steel wire resistivity?

> VERY good point!! I know that Larsen uses a plated antenna
> whip. They use a hard stainless steel for whip, then it has a
> 'copper clad' layer for RF conductivity. Then finally a 'chrome'
> layer for protection. I wondered if it was really that much a
> problem, but I suppose it is.
>
> Mike
>

Date: Sat, 08 Jul 2000 17:30:47 -0700
From: Jim Lowman <jmlowman@ix.netcom.com>
To: jaywa5whn@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74604] Re: OT: Routes to Ft. Tuthill
Message-ID: <3967C7B7.A647EBA2@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jay, I looked into the option of flying into Flagstaff, as we will be arriving from Sacramento and renting a car and driving to Tuthill. The fare that America West wanted was definitely exorbitant as compared with the distance traveled. YMMV.

Less than two weeks now!

72 de Jim - AD6CW

jaywa5whn@juno.com wrote:

>

> Several people have asked me about flying into Albuquerque & driving west
> to Ft. Tuthill on I-40. I would encourage you to fly direct to Flagstaff,
> since the airport is directly across US-89 & I-17 from Ft. Tuthill or
> into Phoenix, a 2.5 hours drive on I-17.

Date: Sat, 08 Jul 2000 19:54:06 -0500
From: "George , W5YR" <w5yr@att.net>
To: dandoooley@pipeline.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74605] Re: stainless steel wire resistivity?
Message-ID: <3967CD2E.139D1161@att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Due to skin effect, the steel wire plays little role in the actual electrical operation of the antenna. That is the idea of CopperWeld: copper for conductivity and steel for strength.

Works fine as long as the copper layer remains intact, but if it cracks

or flakes off or whatever, moisture enters and starts rusting the steel which further cracks off the copper layer, etc. And there goes both the conductivity and the strength.

CopperWeld is good wire for antennas provided that it is handled properly. Some folks have had it up for many years with no problems. Others lose the antenna in the first storm.

72/73, George

Fairview, TX 30 mi NE Dallas in Collin county QRP-L 1373
Amateur Radio W5YR, in the 54th year and it just keeps getting better!
R/C since 1964 - AMA 98452 RVing since 1972 Kachina #91900556
(12/99)

"Dan W. Dooley" wrote:

>

> So how does this apply to copper clad wire which has been up for some years?

>

> I had a 40 m dipole up for several years, made from copper clad steel. By
> the time I took it down, the wire was green.

Date: Sat, 08 Jul 2000 21:18:15 -0400
From: JP <jdanter@mail.i-america.net>
To: qrp-l@Lehigh.EDU
Subject: [74606] HELP:keys
Message-ID: <3967D2D7.B0A82C66@mail.i-america.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Interested in your opinions on favorite keys,
for field and base use.
I have a Vibroplex Brass Racer and SuperKeyer II.

Thanks,
Jamie Danter
KF4VOP

Date: Sat, 08 Jul 2000 21:29:27 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l@lehigh.edu
Subject: [74607] Re: stainless steel wire resistivity?
Message-ID: <3.0.6.32.20000708212927.007981b0@vmsspop.rit.edu>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:54 PM 7/8/00 -0500, you wrote:

>CopperWeld is good wire for antennas provided that it is handled
>properly. Some folks have had it up for many years with no problems.
>Others lose the antenna in the first storm.

A friend of mine was a radio operator for the Ohio National Guard. One summer they were doing field exercises with the portable comm shack and a long wire antenna strung between two crank-up masts. During the night while everyone was bunked at the base nearby, the wire antenna took a direct hit. The next day they could find all but about 200' of wire, which they assume was vaporized, but some of the remaining wire was the steel core with little beads of copper strung on it. The lighting melted the copper, which collected in droplets and hardened.

Hardly QRP!

Dave

Date: Sat, 8 Jul 2000 16:07:19 GMT
From: Walter D Amos <waltk8cv@juno.com>
To: qrp-l@lehigh.edu
Subject: [74608] Power plug box
Message-ID: <20000709.002558.-184479.0.waltk8cv@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

List:

I do about the same as Larry but do use RCA connectors on the box as little chance of exploding anything when plugging them in there but I do use BARREL plugs on the other end and that can still be dangerous plugging in stuff HOT (with the power on) ! I do use large wire inside the box and from the box to the power source, and keep the distance from box to power source small if possible. Once you get up to around 3 amps in the wiring there can be a substantial voltage drop if the wire is not big enough.

Walt k8cv

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sat, 8 Jul 2000 19:36:52 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: <jdanter@mail.i-america.net>, "Low Power Amateur Radio Discussion" <qrp-
l@Lehigh.EDU>
Subject: [74609] Re: HELP:keys
Message-ID: <00c501bfe946\$43caa600\$628611d8@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Jamie:

For the shack I use:

Schurr Profii Paddles
J-38

For portable work I've been using a Paddelette.

72/3 Rod, N0RC -- Fort Collins, CO

----- Original Message -----
From: JP <jdanter@mail.i-america.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Saturday, July 08, 2000 7:18 PM
Subject: HELP:keys

> Interested in your opinions on favorite keys,
> for field and base use.

Date: Sat, 8 Jul 2000 21:40:54 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [74610] K0EVZ Final Log (oops)
Message-ID: <200007082142_MC2-AB84-BC54@compuserve.com>

MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Gang:

Well gotta hand it to Tom N1TP, he caught the dupe in the original draft log, and again in what I thought was the final one. Nuts. Anyway, I appreciate his excellent work and attention to this detail.

72/73,

--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail = K0EVZ@arrl.net

Date: Fri, 07 Jul 2000 22:17:51 -0500
From: Robert McAtee <w5tnj@camalott.com>
To: qrp-l@Lehigh.EDU
Subject: [74611] Pic programming
Message-ID: <3.0.3.32.20000707221751.007f0be0@mail.camalott.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Brad Hernlem wrote:

> Am recently trying to teach myself about PIC microcontrollers <snip>
> Can anyone point me in the direction of any useful code examples

Brad I "play" with PIC's and "STAMP'S". I use the PICSTART PLUS programmer and use the Parralax inc. Pbasic language along with a compiler to program the pic. Lotsa uses for amateur radio control.... You may contact me off list if you wish. ==Mac== AG5F

Date: Sat, 8 Jul 2000 21:58:49 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <dandooley@pipeline.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74612] Re: stainless steel wire resistivity?
Message-ID: <004401bfe949\$dfdf62120\$0400a8c0@dadshp>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't think corrosion makes much difference. At least, mild corrosion.

But isn't copperweld a REAL thick copper? Not a thin plating?

Mike

> So how does this apply to copper clad wire which has been up for some years?
>
> I had a 40 m dipole up for several years, made from copper clad steel. By
> the time I took it down, the wire was green.
>
>
> ----- Original Message -----
> From: "Mike Yetsko" <myetsko@insydesw.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, July 08, 2000 5:27 PM
> Subject: Re: stainless steel wire resistivity?
>
>
> > VERY good point!! I know that Larsen uses a plated antenna
> > whip. They use a hard stainless steel for whip, then it has a
> > 'copper clad' layer for RF conductivity. Then finally a 'chrome'
> > layer for protection. I wondered if it was really that much a
> > problem, but I suppose it is.
> >
> > Mike
> >
>
>
>

Date: Sat, 8 Jul 2000 22:17:18 -0400
From: "Steve Hudson" <steve.hudson@cmdg.com>
To: <qrp-l@lehigh.edu>
Subject: [74613] Anybody got a schematic for an FRG-7700?

Message-ID: <000001bfe94b\$ce7a3e00\$895ebfa8@acpdceditor>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi folks -- picked up a Yaesu FRG-7700 at a hamfest today for a very low price to use as the receiver with various homebrew transmitters. Due to the price, I was pretty sure it didn't work. I was right.

However, the problem proved not hard to track down...an inductor labeled "L01" in the antenna input circuitry is blown to smithereens.

The receiver came without a schematic, of course.

I'm trying to find the value of this part to replace it. If you can help, I'd sure appreciate it!

Thanks,

Steve AA4BW
steve.hudson@cmdg.com

Date: Sat, 8 Jul 2000 23:27:18 EDT
From: DYARNES@aol.com
To: ARDUJENSKI@aol.com, qrp-l@lehigh.edu
Subject: [74614] Re: QRP-L messages?
Message-ID: <62.51dc416.26994b16@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/8/00 7:37:30 AM US Mountain Standard Time, ARDUJENSKI@aol.com writes:

<< I have noted two things with the list recently:

(1) not all the messages that appear on QRPL are arriving in my mail--is it just my mail, AOL related or list server related? >>

I'm having the same problem--I'm also on AOL.

Dave W7AQK

Date: Sat, 8 Jul 2000 23:29:26 EDT
From: W1RO@aol.com
To: jdanter@mail.i-america.net, qrp-1@lehigh.edu
Subject: [74615] Re: HELP:keys
Message-ID: <f5.a9f95f.26994b96@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

At home I use one of 3 keys, Vibroplex Original or Champion or Nye Master Key (straight key). When camping I use a J-37 knee key. It is easier when you don't have a table in the camp ground. If I know there will be a table I have an old Navy Explosion proof key they used to use in aircraft mounted on a board. Being completely enclosed to keep sparks in means it also keeps dust out.

Good Luck
Jim
W1RO/7

Date: Sat, 8 Jul 2000 23:31:26 EDT
From: DYARNES@aol.com
To: myetsko@insydesw.com, qrp-1@lehigh.edu
Subject: [74616] Re: ICOM Ham Survey
Message-ID: <a9.803733a.26994c0e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/8/00 8:20:14 AM US Mountain Standard Time, myetsko@insydesw.com writes:

<< Well, I just took the survey. You can tell where they're going!!

My impression now, but...

It's NOT an 'open ended' survey to find out what HAMS want, it geared to see if they're 'justified' in a new radio with DSP, color display, 200W, and multi-band, like a 706 on steroids.
>>

I took it too, but it's difficult for the reason you state--not open ended--their answers don't tell the whole story. Did you notice that 30 meters was omitted from the list of HF bands!!!! Personally, I think the whole thing is flawed.

Dave W7AQK

Date: Sat, 8 Jul 2000 23:36:20 EDT
From: AdamN7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [74617] Re: HELP:keys
Message-ID: <15.63c3e76.26994d34@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Right now i use an old SpeedX Bug, but the last week or so ive been using my Bencher RJ-1 straight key. my other keys are an old sentimental Ameco practice key i used to learn how to be a ham with, and a neat little Altoids tin HB key with a cabinet knob on top. But this week things will change dramatically...i have bought about 2 dozen keys from various sources...they should start arriving next week. ill let you know then. :-)

73...Adam, N7YA
QRP-L 1608, SOC 143
DXer...cant help it!
CW Spoken Here . .

Date: Sat, 8 Jul 2000 23:39:01 EDT
From: AdamN7YA@aol.com
To: qrp-1@lehigh.edu
Subject: [74618] Re: ICOM Ham Survey
Message-ID: <6c.efacbe.26994dd5@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/8/2000 8:35:19 PM Pacific Daylight Time, DYARNES@aol.com writes:

<< I took it too, but it's difficult for the reason you state--not open ended--their answers don't tell the whole story. Did you notice that 30 meters was omitted from the list of HF bands!!!! Personally, I think the whole thing is flawed. >>

oh well, its thier flaw...there ARE other companies out there offering radios. i myself, dont own an Icom...not that they are bad rigs, but i took the survey too and know where you guys are coming from.

73...Adam, N7YA
QRP-L 1608, SOC 143
DXer...cant help it!
CW Spoken Here . .

Date: Sat, 08 Jul 2000 23:51:15 -0400
From: David Hinerman <dlh1009@ritvax.isc.rit.edu>
To: qrp-l@lehigh.edu
Subject: [74619] Re: Anybody got a schematic for an FRG-7700?
Message-ID: <3.0.6.32.20000708235115.0079bb50@vmsspop.rit.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 10:17 PM 7/8/00 -0400, you wrote:

>Hi folks -- picked up a Yaesu FRG-7700 at a hamfest today for a very low
>price to use as the receiver with various homebrew transmitters. Due to the
>price, I was pretty sure it didn't work. I was right.

>

>However, the problem proved not hard to track down...an inductor labeled
>"L01" in the antenna input circuitry is blown to smithereens.

>

>The receiver came without a schematic, of course.

>

>I'm trying to find the value of this part to replace it. If you can help,
>I'd sure appreciate it!

Steve,

Can't help with the value of the inductor, but don't be surprised to find other components shot as well. I had to rebuild the front end of an Icom receiver that took a lightning hit on the antenna lead, and the inductors were some of the easier failures to find. Took about 3 rounds of "troubleshoot, order replacements, install replacements" to get it back up.

Dave

Date: Sun, 9 Jul 2000 00:16:08 EDT
From: RangerSF5@aol.com
To: DYARNES@aol.com, qrp-l@lehigh.edu
Subject: [74620] Re: QRP-L messages?
Message-ID: <46.7d1dad3.26995688@aol.com>

MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/8/00 11:28:25 PM Eastern Daylight Time, DYARNES@aol.com writes:

<<
(1) not all the messages that appear on QRPL are arriving in my mail--is it just my mail, AOL related or list server related? >>

I'm having the same problem--I'm also on AOL.
>>

Same here but getting everything on Yahoo.com
Bob
WA2HOQrp <tm>

Date: Sat, 8 Jul 2000 22:11:18 -0700 (PDT)
From: ABCQRP <w6abc@yahoo.com>
To: jdanter@mail.i-america.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74621] Re: HELP:keys
Message-ID: <20000709051118.7595.qmail@web2106.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hi,
Favorite Keys
For portable..only one - Whiterook MK-44
For QTH...Schurr Wabblers, Vibroplex Iambic Paddles and
a Vibroplex Blue Racer Deluxe and of course a J-38.
73,
Jack W6ABC

Do You Yahoo!?
Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Sun, 09 Jul 2000 00:30:08 -0500
From: Jay Freeman <jay@j-freeman.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74622] FS: FT-990DC & FT-530 w/acc
Message-ID: <39680DE0.EEB14001@j-freeman.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Howdy,

To help with recent expenses of moving etc., I've decided to put these rigs up for sale.

Yaesu FT-990DC, with 500kHz cw filter installed (it was optional on DC powered models). Includes hand-mic, manual, original box, power cord, and Yaesu service manual. I did a simple mod last year to allow turning down the power to QRP levels, it can now be turned down to about 3 watts. It was serviced last year by the Yaesu factory for a problem with the ATU and now works perfectly. Asking \$700 + actual shipping obo.

Yaesu FT-530 VHF/UHF HT with MH-29 remote control/display speaker mic, original box, manual, and 7.2v 2500mAh NiMH battery and quick charger from W&W Associates. The battery is about 15 months old and has been charged in the neighborhood of 50 to 60 times (maybe less). I used this rig as a mobile in a company car and only had to charge it once a week or so. Asking \$300 + actual shipping obo.

Thanks es 73,

Jay

--

```
*-----*
* Jay Freeman - WT9S                ARRL *
* G-QRP 10319 QRP-ARCI 9981 ARS 562  *
* SASS #18700                      NRA Life *
*-----*
```

Date: Sun, 9 Jul 2000 01:39:09 EDT
From: JClinton46@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [74623] re: tech help
Message-ID: <e1.6c51fa7.269969fd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Somebody else said it first but - WHAT A BRAIN TRUST THIS LIST IS!!!!

I received many comments/suggestions on my proposed relay setup and on troubleshooting the TenTec 1330. Basically the relay setup should work FB. Some suggested using a fog lamp relay because it was designed for long duty cycles. Good suggestion. There was also a suggestion for a solid state setup. It sounds great however I think it is beyond my current needs and abilities. I'll keep it tucked away for possible future use.

All the TenTec suggestions are being forwarded to my uncle.

Again, many thanks to all. (I spent the day digging post holes so please forgive me if I don't reply to each of you individually)

73
Clint Poss
KE4FDT

Date: Sun, 09 Jul 2000 03:32:47 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [74624] Re. favorite keys
Message-ID: <3.0.32.20000709033244.007513e0@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>Date: Sun, 9 Jul 2000 01:20:00 -0600
>Errors-To: qrp-owner@gpfn.sk.ca
>Reply-To: plburbank@kih.net
>Originator: qrp-canada@lists.gpfn.sk.ca
>Sender: qrp-canada@gpfn.sk.ca
>From: Pete Burbank <plburbank@kih.net>
>To: Multiple recipients of list QRP-CANADA <qrp-canada@lists.gpfn.sk.ca>
>Subject: Re. favorite keys
>X-Listprocessor-Version: 6.0d -- ListProcessor by Anastasios Kotsikonas
>X-Comment: Amateur radio Canadian QRP list at the GPFN
>X-RCPT-TO: <plburbank@kih.net>
>

>My favorite keys are homebrew paddles. One is the guts of a large
>chopper with leaf springs on a Stainless Steel base and the other
>is a magnetic return conglomeration of parts collected for a few
>years mounted on a chunk of Gabon ebony. The Vibroplex presentation,
>Standard and Brown Brothers keyer are long gone. I gave my J-38
>to my brother and keep a J-37 for straight key night. Keys are fun
>to make. When you make your own some part of your self is in there
>and connected to your hand.
>73 to all

>Pete NV4V

>

>

Date: Sun, 9 Jul 2000 06:18:08 -0400 (EDT)
From: medic361@webtv.net
To: qrp-1@Lehigh.EDU
Subject: [74625] ohr 100a
Message-ID: <23308-39685160-10830@storefull-287.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

I am in the process o aligning the ohr 100a. i have adjusted the local
oscllator for the specified frequency (16mhz) but the frequency does not
match the dial on the enclosure that was designed for the rig. if it
matches at 7.000mhz then at 7.020 it is about 7.018, and at 7.030mhz it
is abot 7.025 and at 7.040mhz it is about 7.033. as you can see the
difference i9ncreases as the frequency icreases. I was wondering if
someone on here might know how to correct this or is it something that I
must tolerate? Thanks in advance.

73,
Dwayne ke4rvt
QRP-L #2201

Date: Sun, 9 Jul 2000 07:19:32 -0400
From: "William Penhallegon" <w4stx@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74626] Re: HELP:keys
Message-ID: <006601bfe997\$9ace2d40\$9da3173f@pavilion>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,
Favorite keys
For portable - Whitehook MK-44
For QTH - Schurr Wabblers paddle, Bencher BY-1 paddle and a Speed-X Straight
key

73,
Bill W4STX

Date: Sun, 9 Jul 2000 08:04:37 -0400 (EDT)
From: medic361@webtv.net
To: qrp-l@lehigh.edu
Subject: [74627] ohr100a
Message-ID: <15931-39686A55-11110@storefull-288.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

what happens is that when i transmitt into a dummy load with my kenwood,
i check where i find the signal on the 100a. it varies as I move through
the band.

73,
Dwayne ke4rvt
QRP-L#2201

Date: Sun, 9 Jul 2000 05:15:53 -0700
From: "William Phinizy" <k6whp@gte.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [74628] Source for Super-bright Diodes?
Message-ID: <000301bfe99f\$6e506e60\$48ac173f@k6whp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can anyone refer me to a source for those super-bright diodes? I am
looking to make a portable operating lamp for field day, etc. and
don't know what to look for or where..

..much thanks in advance.

Bill, K6WHP

Date: Sun, 9 Jul 2000 08:22:05 EDT
From: SMurph555@aol.com
To: qrp-1@lehigh.edu
Subject: [74629] CW Paddle Reviews & Confessions
Message-ID: <65.6b121c4.2699c86d@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Hi all:

Perhaps the following two URLs might be of interest if you're interested in acquiring (additional) paddles. For many of us, additional may be the operative word <grin>! Have a look at:

<http://www.eham.com/reviews>

<http://www.berkshire.net/~robbins/technote/paddles.html>

I recently bought an R.A. Kent Engineering single lever paddle on e-bay <blush>, and like it. It's heavier than most of the US made paddles, and I think that's important. Their iambic model might, however, feel better; this model has only a single, thin fingerpiece. I also had to back the tension springs out as far as they would go. Wanting to try a magnetically controlled paddle, I just bought a Vibroplex Brass Racer from a chap via qrp-1. I have a Nye Viking paddle, which I also like, and, for portable use, one of the old James Research paddles. These last were sold about 20 years ago; they were advertised for a while in Ham Radio magazine.

BTW, please direct any responses to caljsi@aol.com

72/73

Cal K4JSI

Date: Sat, 8 Jul 2000 09:11:56 -0400
From: Bill Lazure <n2tpa@juno.com>
To: qrp-1@lehigh.edu
Subject: [74630] 10 Meter activity?
Message-ID: <20000709.083039.-369023.0.n2tpa@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Folks,

For the past few nights I've kept an ear on 10 meters. I've heard quite a few beacons, but little else. I've heard some sporadic SSB; mostly in languages I don't speak. I haven't had any replies to my CW CQs. At the same time, I've heard some decent DX on 15. Why are people

avoiding this band?

To encourage it's use, and hopefully show the freebanders we're not abandoning our freqs, would anyone be up to a 10 Meter contest? Perhaps just a QRP get-together? an on-air QRP-L meeting?

72,

Bill
W2EB

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sun, 9 Jul 2000 08:50:06 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [74631] CQ Joel KE1LA
Message-ID: <200007090852_MC2-AB7D-B668@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Joel KE1LA:

Please get in touch with me via the QRP-L reflector. Hope to hear today, if at all possible. Thanks in advance. Hope also to run into you during the Homebrew contest and tonight's Summer FOX contest at 2000Z.

72/73,

--W.D. (Doc) Lindsey
DSBF
PO Box 6028
Bismarck, ND 58506
(Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)
E-Mail = K0EVZ@arrl.net

Date: Sun, 9 Jul 2000 09:04:13 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>

To: <k6whp@gte.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74632] Re: Source for Super-bright Diodes?
Message-ID: <003a01bfe9a6\$2f366480\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

B.G. Micro has some LEDs on sale (<http://www.bgmicro.com/pdf/page1.pdf>).
The white ones do seem to take more voltage than others I've seen, but they
are half the price. Still, they are pretty darned expensive. If you don't
want white, the blue-green ones are amazingly bright.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: William Phinizy <k6whp@gte.net>
Subject: Source for Super-bright Diodes?

>Can anyone refer me to a source for those super-bright diodes?

Date: Sun, 9 Jul 2000 09:26:26 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [74633] A simple RF Milliwattmeter
Message-ID: <20000709.092628.-296451.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Thanks to the recent article in QST, the "Micromountaineer", achieving
power measurements in the QRPp range can be done easily and (dare I say
it?) cheaply.

The dual milliwattmeter that was in the article, when evaluated, are
actually simple RF voltmeters with a fixed termination, 50-ohms in this
case. The authors made a vlotmeter, using a 1 ma meter movement and a
serie resistor. The full-scale raange for the meter was 10 volts on the
high range and 1.5 volts on the low. It's a simple but elegant solution
for the workbench.

However, the detector portion (the 50-ohm load, diode and bypass caps)

can be used with any voltmeter.

With my recently discovered problem with my homebrew copy of the WM-1, I needed something to verify the meter's accuracy. I used an oscilloscope, and found that my 1-watt range was not working. Using the simple RF detector from the milliwattmeter in the Micromountaineer article, I was able to get the same results as I did with the O'scope, but without having to take up additional space to do so.

My meter in this case consisted of the RF detector, an Alfa DVM and a calculator. I measured 4.20 volts with the detector. Using the formula in the QST article, I added 0.7 volts (the diode offset), squared the sum and multiplied by 10. I came up with 240 mW. This matched the measurement from the scope, and was 10 mW less than the measurement from my repaired (and recalibrated) WM-1 clone.

It's a 4% difference. I can live with that for under \$2 for the RF detector. Yes, I realize that this is the same as using an RF probe with a dummy load, but I had gotten around to building an RF probe (yet). If you have one, and a 50-ohm load, you are all set to detect and measure milliwatts on your bench.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President & FD'00 Chairman, Brockport Amateur Radio Klub
My night light runs more power than my Rig!!!
Replies - <mailto:wb2vuo@arrl.net>

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sun, 9 Jul 2000 09:53:43 EDT

From: StvAshcraft@cs.com

To: qrp-1@lehigh.edu

Subject: [74634] ohr 20/40 manual

Message-ID: <dd.6a439c2.2699dde7@cs.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

I have lost my 20/40 manual. I built this kit ten years ago and use now and then.

going on trip and want to go over rig before I leave.
The rig was built for 40 meters.
If You have a manual and can copy please send me a message about cost, etc.?
KC4URI@ARRL.NET
Thanks in advance
73
KC4URI

KC4URI@arrl.net
FISTS 6128 CC 933 FISTS Home Page
QRP ARCI 8093 QRParci
ARRL ARRLWeb: The American Radio Relay
League -- ARRL
ARS 672 Adventure Radio
Society

Date: Sun, 09 Jul 2000 09:58:31 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-1@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org
Subject: [74635] CONTEST: N2CQ IARU CHAMPIONSHIP
Message-ID: <3.0.6.32.20000709095831.007ea7a0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

2000 IARU HF CHAMPIONSHIP

Call used: N2CQ Location: 8

Category: Single Op All Band Mode: CW Power: 5W

Callsign of Operator: N2CQ

Exchanged Information: N2CQ RST 8

band	CW QSOs	CW pts	SSB QSOs	SSB pts	band mults
160	0	0	0	0	0
80	0	0	0	0	0
40	2	2	0	0	2
20	91	319	0	0	35
15	0	0	0	0	0

10	0	0	0	0	0	

TOTAL	93	321	0	0	37	SCORE: 11,877

Club or Team Name: NJ QRP Club

Comments:

NW20 (20M) 4 Watt homemade Xcvt
 OHR 100A (40M) 5 Watt homeade Xcvt
 Fan Dipole (20/40M). Fishing pole mast 20'
 (N2CX Gusher 2 band - Black Widow mast)

WOW! That Gusher II did the job! Great conditions too didn't hurt.
 (Europe mostly but some Asia.)
 Now I'm waiting for the K1/Gusher II combo for portable beyond the
 back yard.

72,
 Ken - N2CQ

 Date: Sat, 8 Jul 2000 12:01:53 -0400
 From: "Ron McConnell" <rcmcc@lucent.com>
 To: <qrp-l@lehigh.edu>, <njqrp@njqrp.org>
 Cc: <w2iol@arrl.net>
 Subject: [74636] RE: Gel Cell Battery question
 Message-ID: <000001bfe9b0\$6bf816c0\$f520ff87@nj7460rcmcc>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Some web sources on batteries
 and solar power are

<http://www.homepower.com>

<http://www.hepi.com>

<http://www.power-sonic.com>

The Home Power magazine case is very
 interesting. You can buy the current
 paper copy on the newsstand for \$4.75

or download it for free.
Check the "battery" pointers
for links to past articles
on lead-acid batteries.

The June/July issue has an article
on a lead-acid battery desulfator
that supposedly can restore some
life to a dying battery that has been
left uncharged.
All new parts would cost about \$20.
It's basically a DC-DC convertor
that connects across the battery
and hits it back with high voltage spikes
to shake the sulfur coating off
the lead plates and back into solution.
This may be only for "wet" batteries
and not gel cells.
It's simple enough and cheap enough
to give it a try on those neglected
batteries.
Any "pro" opinions on this?

Cheers, 73,

Ron McConnell
w2iol@arrl.net

Date: Sun, 9 Jul 2000 09:20:15 -0500
From: "Cla KA0GKC" <ka0gkc@arrl.net>
To: <wb0poq@visi.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74637] Re: SM protoboards
Message-ID: <003801bfe9b1\$51b40a20\$0200000a@mcg.net>

Hi Bob and all,
----- Original Message -----
From: "Bob Liesenfeld" <wb0poq@visi.com>

| We are probably all familiar with the solder type protoboards that
| Radio Shack sells for leaded ICs with pins on .1" centers. Does anyone
| make something like this for surface mount chips? I'm thinking of
| something that would allow you to drop a standard sized chip carrier
| onto the board, solder it in place, and have each lead fanned out to a
| small, but accessible solder pad to connect other non surface mount type
| components. Kind of an 'expansion' board if you will.

Boy, is this post weird. SPRAT showed up in the mail and yesterday I was reading the DDS article and had the same thought! Perhaps if there isn't anything available we could get a few QRP-Ler's together to hash out a design and see if we could get FAR Circuits to make them up and then we could promote them in QRPP, QRP Quartery, etc.

Only problem I see is all the different SM IC shapes. I also think the board would need to be usable for both leaded and SMT parts somehow. Maybe it's too much to ask but little protoboards like that would really be handy.

Another approach might be to just make the board for the IC with nice sized solder pads to incorporate it into Manhattan style construction.

Just some thoughts,

73 de Cla KA0GKC

Date: Sun, 9 Jul 2000 10:32:22 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Cc: <fpqrp@egropups.com>
Subject: [74638] A-1 Operator
Message-ID: <003001bfe9b2\$7e829200\$1461a518@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hey All,

Heard some great news today...

Our very own "Flying Pig" club member, Mary Cherry, NA6E
is a new member of the "The A-1 Operator Club"
<http://www.arrl.org/awards/a1-op/>

CONGRATS Mary!

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

Date: Sun, 9 Jul 2000 09:57:58 EDT
From: Rick McKee <kc8aon@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [74639] Re: HELP:keys
Message-ID: <20000709.102954.4479.1.kc8aon@juno.com>

Here at this QTH, I use Bencher paddles, J-38, a Brittish Mark II military key, and a homebrew paddle / Tick 2B keyer combo. I also have a homebrew straight key that is similar to a Kent model SK-1 but it is reserved for the 6V6 transmitter I plan on building. For field use, I use a very light weight (about 1 ounce) homebrew straight key with velcro leg strap. Above all, my favorites are the bencher & J-38.

73...Rick McKee KC8AON { CW lives as long as I do ! }
Willow Wood, Ohio "oo's"
AR QRP # 269 QRP-L # 2112 ZOMBIE # 718 FPqrp # 33
TriState BrassPounders # 1

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 09 Jul 2000 10:42:05 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: w8diz@cinci.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74640] Re: A-1 Operator
Message-ID: <39688F3C.58810353@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

OUTSTANDING!

Congratulations, Mary.

Tom, N1TP

w8diz wrote:

> Hey All,
>
> Heard some great news today...
>
> Our very own "Flying Pig" club member, Mary Cherry, NA6E
> is a new member of the "The A-1 Operator Club"
> <http://www.arrl.org/awards/a1-op/>
>
> CONGRATS Mary!
>
> 73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
> FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
> <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

Date: Sun, 09 Jul 2000 10:49:00 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [74641] HELP Keys
Message-ID: <396890DC.A1E9E001@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi, gang,

>From day ONE I've used only the Bencher Iambic.

Also have a Logikey K-3 - a super memory keyer.
Manufacturer is "Idiom Press." In my opinion The K-3
if far superior to all MFJ memory keyers.

Tom, N1TP
Naples, Florida
QRP-L 1317

Date: Sun, 9 Jul 2000 10:48:51 -0400 (EDT)
From: n2go@arrl.net
To: Cla KA0GKC <ka0gkc@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74642] Re: SM protoboards

Message-ID: <Pine.LNX.4.20.0007091033280.452-1000000@valhalla.valhalla.buffalo.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

How about a pcb which would have an assortment of common SMD component footprints. These could be like the DIP patterns that you get in stencil form. The only difference would be that they would also have pads for soldering point to point wiring.

These could be etched on a 4x6 or so pcb. They could then be cut out and placed *manhattan style* on a pcb ground plane for your prototype project and held in place with super glue or the bonding agent of your choice.

Instead of 1/8" pads like in the regular manhattan style; you would have a postage stamp module that could accomodate a 8 pin or so device.

Another idea would be to have etched smd components with the leads in a dip fashion. They could be drilled and pins fitted to go in standard dip sockets. Seems dumb but I am sure they could be useful for someone :)

When I built my w7el optimized transceiver I built several "modules" as per Doug DeMaw's article. One was for the diode mixer etc. Being on plug in dip headers they made the circuit easy to troubleshoot. I etched a pcb for the module sockets to be plugged in.

73,

Jim n2go

Date: Sun, 9 Jul 2000 08:54:23 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [74643] Summer Fox Hunt Teams
Message-ID: <Pine.LNX.3.95.1000709084814.1344A-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Summer Hunt #1 - K0EVZ was the fox -

- (1) - SWAMP RATS: Pts=5 "Clean Sweep"
 - K0EVZ - Doc <-
 - NV4V - Pete <-
 - AF4PS - Mac <-

- AJ4Y - Paul <-
- N1TP - Tom <-

(2) - QRP CHEESEHEADS:

- N9AW - Jerry
- NK9G - Rick
- AE9K - Brian
- WA9TZE- Jim
- tba

(3) - RAIDERS OF THE LOST RF: Pts=1

- NA6E - Mary
- VE3FAL - Fred
- VA6RF - Earl <-
- VE5RC - Bruce
- tba

(4) - THE FLYING PIGS: Pts=1

- KB9BVN - Brian <-
- N8IE - Dan
- W8DIZ - Diz
- WB6JBM - Rick
- AC7CF - Andrew

(5) - GANDALF the GREY:

- G0JJQ - Wayne

...if there are any corrections to be made, please let me know direct.

...any more Teams?

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 9 Jul 2000 10:54:13 -0400

From: "John J. McDonough" <wb8rcr@arrl.net>

To: <n2go@arrl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [74644] Re: SM protoboards

Message-ID: <000601bfe9b5\$9da8c8e0\$010044c0@Conor.baycty1.mi.home.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Look at <http://rocky.digikey.com/USCatalog/V3/514.PDF>

Expensive, but basically what you're talking about

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

-----Original Message-----

From: n2go@arrl.net <n2go@arrl.net>
Subject: Re: SM protoboards

>How about a pcb which would have an assortment of common SMD component
>footprints. These could be like the DIP patterns that you get in stencil
>form. The only difference would be that they would also have pads for
>soldering point to point wiring.

Date: Sun, 9 Jul 2000 07:57:15 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'n2tpa@juno.com'" <n2tpa@juno.com>, Low Power Amateur Radio Discussion <qrp-
l@Lehigh.EDU>
Subject: [74645] RE: 10 Meter activity?
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBC51@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

Might set something up on 28.060 CW?
Jay
W6CJ

-----Original Message-----

From: Bill Lazure [mailto:n2tpa@juno.com]
Sent: Saturday, July 08, 2000 6:12 AM
To: Low Power Amateur Radio Discussion
Subject: 10 Meter activity?

Folks,

For the past few nights I've kept an ear on 10 meters. I've heard

quite a few beacons, but little else. I've heard some sporadic SSB; mostly in languages I don't speak. I haven't had any replies to my CW CQs. At the same time, I've heard some decent DX on 15. Why are people avoiding this band?

To encourage it's use, and hopefully show the freebanders we're not abandoning our freqs, would anyone be up to a 10 Meter contest?

Perhaps

just a QRP get-together? an on-air QRP-L meeting?

72,

Bill

W2EB

YOU'RE PAYING TOO MUCH FOR THE INTERNET!

Juno now offers FREE Internet Access!

Try it today - there's no risk! For your FREE software, visit:

<http://dl.www.juno.com/get/tagj>.

Date: Sun, 9 Jul 2000 11:02:57 EDT

From: ARDUJENSKI@aol.com

To: qrp-l@lehigh.edu

Subject: [74646] Visit HAWAII (ham site)

Message-ID: <d3.6d59b3a.2699ee21@aol.com>

MIME-Version: 1.0

Content-Type: text/plain; charset="US-ASCII"

Content-Transfer-Encoding: 7bit

For those wanting to take a little vacation to Hawaii without the expense go to

<http://www.chem.hawaii.edu/uham/index.html>

great ham and qrp info --alan kb7mbi

Date: Sun, 9 Jul 2000 08:00:43 -0700

From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>

To: "'k6whp@gte.net'" <k6whp@gte.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [74647] RE: Source for Super-bright Diodes?

Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBC52@arcadia-pd1.arcadiapd.com>

MIME-Version: 1.0

Content-Type: text/plain

I'd like to see what you find out.
I've been looking for BRIGHT LEDs for the same reason, plus
QRP match indicators. Longer wavelengths like red or orange
LEDs seem to wash out in sunlight (Match or other indicators).
I tried one of those blue "Photon" keychain LEDs in sunlight
and it can be seen!

73

Jay

W6CJ

-----Original Message-----

From: William Phinizy [mailto:k6whp@gte.net]

Sent: Sunday, July 09, 2000 5:16 AM

To: Low Power Amateur Radio Discussion

Subject: Source for Super-bright Diodes?

Can anyone refer me to a source for those super-bright diodes? I am
looking to make a portable operating lamp for field day, etc. and
don't know what to look for or where..

..much thanks in advance.

Bill, K6WHP

Date: Sun, 9 Jul 2000 08:02:42 -0700

From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>

To: "'medic361@webtv.net'" <medic361@webtv.net>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>

Subject: [74648] RE: ohr100a

Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBC53@arcadia-pd1.arcadiapd.com>

MIME-Version: 1.0

Content-Type: text/plain

Hmmm...?? you may be hitting the receiver too hard with the nearby
signal and getting intermods/spurs, etc?

Jay

W6CJ

-----Original Message-----

From: medic361@webtv.net [mailto:medic361@webtv.net]

Sent: Sunday, July 09, 2000 5:05 AM

To: Low Power Amateur Radio Discussion

Subject: ohr100a

what happens is that when i transmitt into a dummy load with my kenwood,
i check where i find the signal on the 100a. it varies as I move through
the band.

73,
Dwayne ke4rvt
QRP-L#2201

Date: Sun, 09 Jul 2000 11:06:56 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: JCoote@ci.arcadia.ca.us
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74649] Re: 10 Meter activity?
Message-ID: <39689510.794B3BF7@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

So far this morning on 10 meter SSB I've heard
10-X (Ten Ten) SSB activity from OK, TX, AR, and LA.
Mostly in the vicinity of 28.425.

Tom, N1TP
Naples, FL.

"Coote, Jay" wrote:

> Might set something up on 28.060 CW?
> Jay
> W6CJ
>
> -----Original Message-----
> From: Bill Lazure [mailto:n2tpa@juno.com]
> Sent: Saturday, July 08, 2000 6:12 AM
> To: Low Power Amateur Radio Discussion
> Subject: 10 Meter activity?
>
> Folks,
>
> For the past few nights I've kept an ear on 10 meters. I've heard
> quite a few beacons, but little else. I've heard some sporadic SSB;
> mostly in languages I don't speak. I haven't had any replies to my CW
> CQs. At the same time, I've heard some decent DX on 15. Why are people
> avoiding this band?

> To encourage it's use, and hopefully show the freebanders we're not
> abandoning our freqs, would anyone be up to a 10 Meter contest?
> Perhaps
> just a QRP get-together? an on-air QRP-L meeting?
>
> 72,
>
> Bill
> W2EB
>
> -----
> YOU'RE PAYING TOO MUCH FOR THE INTERNET!
> Juno now offers FREE Internet Access!
> Try it today - there's no risk! For your FREE software, visit:
> <http://dl.www.juno.com/get/tagj>.

Date: Sun, 9 Jul 2000 10:04:26 -0500
From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [74650] Having trouble receiving QRP-L messages?
Message-ID: <00a501bfe9b7\$aeda6ae0\$0200000a@mcg.net>

Hi all,

If you are having trouble, and it appears the AOL is, receiving QRP-L messages. Please email me privately at manager@qrp.lehigh.edu and I will try and help you figure it out. Do not post these inquiries to the list. I realize do to Jim's work schedule that at times it was hard to get a quick response in the past, that's one of the reasons I'm now here.

We have web based archives organized by date at:
<http://listserv.lehigh.edu/lists/Archives/qrp-l/date.html> ,
here you can see all the messages from the past few days to find what you missed. If you email me the subject, author, and time (you can cut and paste this in your message) I can generally check quite quickly if I've received them and get back to you. If the problem is on QRP-L's end this is the fastest way to get it fixed.

Again keep all these types of messages off list and any replies to this message too.

Thanks and 73 de Cla KA0GKC Manager QRP-L

Date: Sun, 9 Jul 2000 08:09:13 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: <elecrafft@qth.net>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74651] K2 Mountain Topping Today
Message-ID: <003801bfe9b7\$a618e6c0\$55231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

K2/586 and K2/655 will be operating from 4000' in the Oregon Coast Range for the QRP ARCI Sprint today...

...hope to put you in the log!

73 John K7FD, Annette N7SG

PS. The antenna will be a tripod mounted PW-1... pod pix at
<http://www.teleport.com/~cqdx/pod.htm>

>Just a reminder that Sunday July 9, 2000 from 2000Z through
>2400Z is the QRP ARCI Summer Homebrew Sprint. This is a CW
>only contest that gives bonus points for homebrew rigs. If
>you built it, it is homebrew.
>
>Summary:
>
>- July 9, 2000 from 2000Z to 2400Z.
>
>- Exchange
> * RST, state/province/country (SPC), and member number or
>power level.
> NOTE: we have member numbers over 10,000, so don't be
>surprised at copying 5 digits.
>
>- You may contact same station on different bands for credit
>
>- QSO Points are
> * Member = 5 pts
> * Non-member different continent = 4 pts
> * Non-member same continent = 2 pts
>
>- Multipliers

```

> * SPC total for all bands
> * SPC's count once each band
>
>- Power
> * > 5W = x1
> * 1 to 5 W = x7
> * 250mW to 1 W = x10
> * <250mW = x15
>
>- Bonus Points for homebrew gear (per band)
> * add 2,000 pts for using HB transmitter
> * add 3,000 pts for using HB receiver
> * add 5,000 pts for using HB transceiver
>
>- Final score
> * QSO points X total SPCs X Power Mult + Bonus Points
>
>- Send summary sheet and logs to me at address in signature
>line or by e-mail by August 9.
>
>- After the contest use the High Claimed Scores reporting
>form at http://personal.palouse.net/rfoltz/arci/form.htm
>- I will post the High Claimed scores each day by 9:00 PM
>PDT for two weeks at
>http://personal.palouse.net/rfoltz/arci/highclm.htm and the
>soapbox comments at
>http://personal.palouse.net/rfoltz/arci/soapbox.htm
>
>Complete rules can be found at
>http://personal.palouse.net/rfoltz/arci/sumhom.htm
>
>73,
>Randy, K7TQ
>QRP ARCI Contest Manager
>809 Leith St.
>Moscow, ID 83843
>

```

```

-----

Date: Sun, 9 Jul 2000 11:23:32 -0400
From: Bill Coleman AA4LR <aa4lr@radio.org>
To: <jamesd1@flash.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74652] Re: Baluns - Last Word Plus One?
Message-ID: <200007091523.LAA02453@atlnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"

```

On 7/6/00 8:39 PM, James R. Duffey at jamesd1@flash.net wrote:

>The simplest types of baluns are the air core "choke baluns" shown in the
>handbook. These have very high choking reactance, but usually work over a
>2:1 or so frequency range. So they are good for a 80/40 dipole, a tribander
>antenna, and so on. The scramble wound ones shown in the handbook can be
>improved by winding the cable as a single layer on a PVC or ABS form.

Ed Gilbert WA2SRQ made some measurements on these types of air-wound baluns back in the early 90's. He wrote up an article, which is available on the net. (Search for his name call and baluns, and you should find it)

Basically, he found that these types of baluns are quite effective and inexpensive. The keys to making them work were to wind them in a single layer, and making sure not to use too many turns. Scramble-wound baluns tended to have too much capacitive coupling at higher frequencies, and baluns with too many turns tend to become self-resonant at lower frequencies, and the choking power diminishes rapidly as you approach that point.

>The next simplest type is a transmission line wound on a torroid core.
>A torroid of this type
>can cover the whole HF ham bands from 1.8 to 30 MHz.

In the archives of TowerTalk (See <<http://www.contesting.com>>), you'll find that W8JI recommends this type of balun highly, especially for lower frequencies.

>The bead type of balun is a subset of the torroid. It is a torroid balun
>with one turn. Because it only has one turn, ferrites with much larger
>permeabilities (and losses) must be used. While adequate for operation below
>100 watts, bead baluns can dissipate excessive heat and self destruct when
>operated at high (KW) levels.

The thing that causes the destruction of a bead balun is something called loss tangent. The ferrite material of the beads becomes more lossy as it heats up. This, in turn, causes it to heat more, which causes more loss, etc, etc. Eventually, the material gets hot enough to destroy its magnetic properties. The same thing can happen to improperly used torroid or solenoidal material.

>At least a ft of beads and probably 2 ft will
>be required to get an effective choking reactance. These bead baluns
>typically have an order of magnitude or less reactance than do the two
>baluns above, but due to the lossy material they are low Q and hence have a
>wide bandwidth.

To get effective choking reactance for a bead balun for 14-30 MHz, 2-4 FEET of material is needed. Some designers use small-diameter teflon coax to all them to use smaller (and less expensive) beads. The thickness of the beads isn't that critical.

One important difference between the torroidial and bead balun is the reactance of the bead balun is directly proportional to its length. Torriod baluns can quadruple reactance by doubling the number of turns.

>For QRP work either of the three can be used effectively (as can the voltage >balun). The air core baluns are inexpensive, best used when the antenna >needs to cover a limited frequency range and can be built for a few bucks. >They are particularly good for beams. The torroid baluns are very effective, >but can be heavy, so are best used when supported as an inverted vee or >beam. They are ideal for antenna tuners.

A small torroid balun using a ferrite core would seem ideal for QRP work. A small-diameter core is vastly lighter than either a coil of coax or a string of beads. Of course, a small core won't be able to handle QRO power levels at all.

Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@radio.org

Quote: "Boot, you transistorized tormentor! Boot!"

-- Archibald Asparagus, VeggieTales

Date: Sun, 9 Jul 2000 10:22:10 -0500
From: "Manager QRP-L" <manager@astro.cc.lehigh.edu>
To: "QRP-l" <qrp-l@lehigh.edu>
Subject: [74653] QRP-L Web Master
Message-ID: <00cd01bfe9b9\$cd5b5680\$0200000a@mcg.net>

Hello all,

Several days ago I asked for volunteers to be the new QRP-L Web Master and revive our web site. I didn't expect this to be so difficult to do. I thought I'd get one maybe two members interested if I was lucky. I received eight replies! And all of them look quite capable of doing a fine job. One of these was John WB8RCR who I know is quite expert at HTML. He is also a great contributor to QRP via the QRP-L CD-ROM and the program QSLMAKER. John and I agreed it would be best to spread the load around so I took him out of the running and John is helping me with the decision on who to choose. It's a very tough choice and I expect it will take a day a two. I may have to make the decision with a dart board!

I wish to publicly thank those that volunteered. That is a spirit that we don't see enough of these days. I can only pick one of course but there will be other opportunities to help here I'm sure and it's gratifying to know help is out there.

Thanks again and 73 de Cla KA0GKC Manager QRP-L

Date: Sun, 9 Jul 2000 11:25:42 EDT
From: W1R0@aol.com
To: n2tpa@juno.com, qrp-l@lehigh.edu
Subject: [74654] Re: 10 Meter activity?
Message-ID: <e8.6d67f9d.2699f376@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I only get 1 or 2 contacts on 10 meters on the weekends. I try to hang around 28.060 on the zero beat of the freebanders so as to not interfere with them. It was better during the winter. Since the realignment of the ham bands it seems 10 got left behind. Making it extremely difficult to get my W.A.S., 10 meter, QRP, CW. SSB freqs don't sound much better on 10 in this area. Inotherwords yes I'd be interested in something on 10 meters.

73

Jim-W1R0/7

QRP Radio Station of Nevada

Date: Sun, 9 Jul 2000 08:36:12 -0700 (PDT)
From: Tom Popovic <ki3r@yahoo.com>
To: w5yr@att.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74655] Re: stainless steel wire resistivity?
Message-ID: <20000709153612.14208.qmail@web218.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello all ... My 40 meter inverted vee has been up over 25 years now. Several changes of coax and location but the good old Copperweld from Glassport Pa. is still holding up. The copperweld was made by actually pouring molten copper around a steel billit. My uncle was a caster there and died at 52 from lung cancer. I don't know if the newer copperweld is made

in the same manner as they were experimenting with powdered material bonded on the steel core as is done with the Alumiweld Process. The old wire was made by rolling the billit and drawing rods into the wire; a pretty involved process. 73 God Bless Tom KI3R Port Vue Pa.

--- "George , W5YR" <w5yr@att.net> wrote:

> Due to skin effect, the steel wire plays little role
> in the actual
> electrical operation of the antenna. That is the
> idea of CopperWeld:
> copper for conductivity and steel for strength.
>
> Works fine as long as the copper layer remains
> intact, but if it cracks
> or flakes off or whatever, moisture enters and
> starts rusting the steel
> which further cracks off the copper layer, etc. And
> there goes both the
> conductivity and the strength.
>
> CopperWeld is good wire for antennas provided that
> it is handled
> properly. Some folks have had it up for many years
> with no problems.
> Others lose the antenna in the first storm.
>
> 72/73, George
> Fairview, TX 30 mi NE Dallas in Collin county
> QRP-L 1373
> Amateur Radio W5YR, in the 54th year and it just
> keeps getting better!
> R/C since 1964 - AMA 98452 RVing since 1972
> Kachina #91900556
> (12/99)
>
>
> "Dan W. Dooley" wrote:
> >
> > So how does this apply to copper clad wire which
> has been up for some years?
> >
> > I had a 40 m dipole up for several years, made
> from copper clad steel. By
> > the time I took it down, the wire was green.

=====

The common good was the claim and justification of every tyranny ever established over men. Every major horror of history was committed in the name of altruistic motive... Actors change, but the course of the tragedy remains the same. Ayn Rand 1943

Do You Yahoo!?
Get Yahoo! Mail Free email you can access from anywhere!
<http://mail.yahoo.com/>

Date: Sun, 9 Jul 2000 11:57:59 EDT
From: KV1V@aol.com
To: qrp-1@lehigh.edu
Subject: [74656] Re: Source for Super-bright Diodes?
Message-ID: <be.64e7d72.2699fb07@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Also look at Electronic Goldmine's catalog:
<http://www.goldmine-elec.com/>
Lots of LEDs and other interesting stuff: SMD, tungsten carbide drill bits, robotics, etc.

72, Bob KV1V

Date: Sun, 9 Jul 2000 10:01:10 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: Bill Coleman AA4LR <aa4lr@radio.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74657] Re: Baluns - Last Word Plus One? plus 2
Message-ID: <Pine.LNX.4.10.10007090957240.876-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 9 Jul 2000, Bill Coleman AA4LR wrote:

One other point that's obvious and I didn't make it. The wire and core balun is very wide band! They can now be made to work with low loss at QRO powers of 300 watts from 1.8 - 30 MHz. This is truly handy and they are very light weight and small. Far more capable than a coil of coax.

> On 7/6/00 8:39 PM, James R. Duffey at jamesd1@flash.net wrote:
>
> >The simplest types of baluns are the air core "choke baluns" shown in the
> >handbook. These have very high choking reactance, but usually work over a
> >2:1 or so frequency range. So they are good for a 80/40 dipole, a tribander
> >antenna, and so on. The scramble wound ones shown in the handbook can be
> >improved by winding the cable as a single layer on a PVC or ABS form.
>
> Ed Gilbert WA2SRQ made some measurements on these types of air-wound
> baluns back in the early 90's. He wrote up an article, which is available
> on the net. (Search for his name call and baluns, and you should find it)
>
> Basically, he found that these types of baluns are quite effective and
> inexpensive. The keys to making them work were to wind them in a single
> layer, and making sure not to use too many turns. Scramble-wound baluns
> tended to have too much capacitive coupling at higher frequencies, and
> baluns with too many turns tend to become self-resonant at lower
> frequencies, and the choking power diminishes rapidly as you approach
> that point.
>
>
> >The next simplest type is a transmission line wound on a torroid core.
> >A torroid of this type
> >can cover the whole HF ham bands from 1.8 to 30 MHz.
>
> In the archives of TowerTalk (See <<http://www.contesting.com>>), you'll
> find that W8JI recommends this type of balun highly, especially for lower
> frequencies.
>
> >The bead type of balun is a subset of the torroid. It is a torroid balun
> >with one turn. Because it only has one turn, ferrites with much larger
> >permeabilities (and losses) must be used. While adequate for operation below
> >100 watts, bead baluns can dissipate excessive heat and self destruct when
> >operated at high (KW) levels.
>
> The thing that causes the destruction of a bead balun is something called
> loss tangent. The ferrite material of the beads becomes more lossy as it
> heats up. This, in turn, causes it to heat more, which causes more loss,
> etc, etc. Eventually, the material gets hot enough to destroy its
> magnetic properties. The same thing can happen to improperly used torroid
> or solenoidal material.
>
> >At least a ft of beads and probably 2 ft will
> >be required to get an effective choking reactance. These bead baluns
> >typically have an order of magnitude or less reactance than do the two
> >baluns above, but due to the lossy material they are low Q and hence have a
> >wide bandwidth.
>

> To get effective choking reactance for a bead balun for 14-30 MHz, 2-4
> FEET of material is needed. Some designers use small-diameter teflon coax
> to all them to use smaller (and less expensive) beads. The thickness of
> the beads isn't that critical.
>
> One important difference between the torroidial and bead balun is the
> reactance of the bead balun is directly proportional to its length.
> Torriod baluns can quadruple reactance by doubling the number of turns.
>
> >For QRP work either of the three can be used effectively (as can the voltage
> >balun). The air core baluns are inexpensive, best used when the antenna
> >needs to cover a limited frequency range and can be built for a few bucks.
> >They are particularly good for beams. The torroid baluns are very effective,
> >but can be heavy, so are best used when supported as an inverted vee or
> >beam. They are ideal for antenna tuners.
>
> A small torroid balun using a ferrite core would seem ideal for QRP work.
> A small-diameter core is vastly lighter than either a coil of coax or a
> string of beads. Of course, a small core won't be able to handle QRO
> power levels at all.
>
>
> Bill Coleman, AA4LR, PP-ASEL Mail: aa4lr@radio.org
> Quote: "Boot, you transistorized tormentor! Boot!"
> -- Archibald Asparagus, VeggieTales
>
>
>

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 9 Jul 2000 12:03:47 -0400
From: wb2vuo@juno.com
To: qrp-l@lehigh.edu
Subject: [74658] Re: Where does that 0.7 come from?
Message-ID: <20000709.120349.-244383.0.wb2vuo@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I am posting this to the entire List, but the question was prompted by a direct question.

In calculating the power using the RF detector, the voltage measured has 0.7 volts added to it before suaring the sum.

What is the reason for adding 0.7 volts? Tha's the voltage drop in a 1N914 or equivalent silicon diode in the detector. It has to be added in to get an accurate reading and have an accurate result in the calculation.

If one used a germanium or Schottky-baarrier diode in the detector, you would add a lower figure, around 0.2 volts.

Ideally, one should apply a small DC voltage through a 1K to 10K resistor, with the polarity such that the diode conducts, and tthen measure the actual voltage drop across the diode. The actual voltage drop would then be used instead of the 0.7V or 0.2V normally assumed.

I am going to check a sampling of diodes this week and see what the variation in voltage drop is in a random sample. I'll report on my findings as soon as I have enough data.

72/73, Keith, WB2VUO, 100% QRP from the Depths of the Great Bergen Swamp
President , Brockport Amateur Radio Klub
My night light runs more power than my Rig!!!
Replies - <mailto:wb2vuo@arrl.net>

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 09 Jul 2000 12:07:59 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [74659] 10 Meter Activity
Message-ID: <3968A35F.34E0D9ED@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here in SW Florida 10 meters is all but stone cold dead at as 1605 Zulu.

Band conditions of 10 were much better this morning around 1400 Zulu.

Tried a Sked at 1600 Zule with N5IB, Jim, in Louisiana, to try
for my last QS0 (# 250 of 250 needed) for 5BWAS/QRP.

Nothing heard.

Bah .. Humbug!

Tom, N1TP.

Date: Sun, 09 Jul 2000 12:09:59 EDT
From: Dean W Manley <kh6b@juno.com>
To: ARDUJENSKI@aol.com
Cc: qrp-1@lehigh.edu
Subject: [74660] Re: Visit HAWAII (ham site)
Message-ID: <20000709.061409.5391.0.kh6b@juno.com>

Hi Alan and Group,

All visits to Hawaii should include Hawaii Volcano National
Park, just a short drive from our DAILY sessions 8:30-10:30 a.m.
at Jack in the Box restaurant, mile 2 on the Volcano Highway,
Hilo. This is " World's Headquarters" for the Hawaii QRP Club.

Aloha,
Dean KH6B
Hilo Hawaii
<http://www.chem.hawaii.edu/uham.hiqrp.html>

><http://www.chem.hawaii.edu/uham/index.html>
>
>great ham and qrp info --alan kb7mbi

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 9 Jul 2000 12:11:19 EDT
From: HAMPIL0T2@aol.com
To: qrp-1@lehigh.edu
Subject: [74661] K2 FOR SALE!
Message-ID: <72.f2d31b.2699fe27@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

i have a beautifully built K2 with no options or mods. looks and works great!
am asking \$575 and will ship!
let me know if interested.
thanks!

Date: Sun, 9 Jul 2000 10:20:45 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74662] HELP Keys
Message-ID: <Pine.LNX.4.10.10007091018070.876-1000000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I use the MFJ Bencher copy key that is pretty and heavy and works well. It's a MFJ-564 and worth the money. My keyer is the old but great CMOS II that has 4 memories and runs forever on 3 penlight cells.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 9 Jul 2000 09:21:22 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [74663] Icom Survey
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBC55@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

My lengthy pro-QRP spin on the Icom survey:

I checked www.icomamerica.com/amateur/survey.html and filled in the survey.

I logged off thinking that a few years ago, we Amateurs had more say in the

features which went into equipment by manufactured by brands I, K and Y. The main thrust of this Icom survey appears to be "What kind of color video

display do you want in your 200 watt radio" or, "What would you be

willing

to pay for DSP filtering, 200 watts and color display".

I was pleased to tell the survey that most of my operation was CW, data, 5 watts and under and that I used "politically incorrect" bands such as 1.8, 10, 18, 24, 50 and 223 MHz.

I also enjoyed being able to inform the survey that, while I had an Icom 728 (QRP mods) I also used homebrew and military equipment. Under antennas, I selected "longwire".

On a similar subject of I, K and Y marketing and dictating trends, even the bands we will use-

A few years ago, it was possible to choose exactly alike radios for all of the VHF bands

(for my City EOC in RF-dense Southern California). This made volunteer training and other EOC issues a snap. Now, the marketing trends omit 223 Mhz radios (and even 223 Mhz antenna choices). Where was the 10 MHz band in Icom's survey- will this band be dumped as 223 Mhz was?

Is there marketing hype in the Amateur world? Duh! Step back and take a real look at some Amateur equipment ads. You too can be a real man if you buy this KW amplifier and (a true quote) "Blow away the competition". You can be younger, better looking and more athletic if you buy the new radio with the "sports look". You can become a high-tech legend (in your own mind at least) if you purchase that huge base station radio that takes PC interface, numerous beeps, ten keystrokes and controls to do what could be done with the throw of one switch.

With all of the Amateur marketing hype and operating trend-control, it pleases me to hear (and read about) so many homebrew, kit and QRP stations on the air- companies such as Kanga, Elecraft, OHR, Wilderness, RHR, Ten-Tec, MFJ, SWL, Kachina (I know I've left out many others).

Maybe some of us don't want this month's turbo dual bander with the barometer, weather channel and color TV screen- and the smaller companies know it.

IMHO

73,
Jay
W6CJ

Date: Sun, 9 Jul 2000 10:42:58 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: tom palmer <n1tp@worldnet.att.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74664] Re: 10 Meter Activity
Message-ID: <Pine.LNX.4.10.10007091038050.959-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I have a schedule with VK4FM Allen in Brisban, Au every day at 2300Z. We seldom have any problem and we run modest QRO like 50 watts. On good days we go QRP. When the band is dead from cw to 30 mhz we still make the sched.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 9 Jul 2000 12:49:43 EDT
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [74665] QRP logbooks, where?
Message-ID: <c5.72d3640.269a0727@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

They were offered in the past, but I don't know where from. So I ask, "where from?"

These were neat little logbooks for QRP/portable/backpack/backyard/bathroom operation, very similar to the ARRL Mini-logbook. I'd like to get a few. Who can tell me where they might still be available from?

TNX all es 72

Howard Kraus, K2UD

Date: Sun, 9 Jul 2000 17:51:09 +0100
From: "M0CQG" <m0cqg@dial.pipex.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [74666] Ten-tec 1340 advice
Message-ID: <009001bfe9c6\$133ca080\$644595c1@UKsolstf56>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi all

OK, my first ever kit was a Ten-Tec 1340 and I screwed it up totally, which almost put me off kit-building for good :-(

A year on and I'm now getting the hang of things. I've successfully built three kits - a Howes TRF receiver, a Howes DXR-20 three band HF receiver and a Small Wonder Labs DSW-30 (which I love - it's now my main rig). I didn't make many mistakes in building any of these, and was able to put right the minor mistakes without too much difficulty, so my confidence is back.

Now, I've often fancied another go at a Ten-Tec kit (I guess I don't like the fact that the first one got the better of me!), so today I bought a 1340. This time, I want to get it right. So, anybody got any tips or useful information on building this particular kit - do's and don't's, that kind of thing?

Any help, comments, suggestions very much appreciated.

72

Mike
M0CQG

Date: Sun, 9 Jul 2000 09:49:33 -0700
From: "K7FD-N7SG" <cqdx@teleport.com>
To: <K2UD@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74667] Re: QRP logbooks, where?
Message-ID: <008b01bfe9c5\$aa3b37e0\$55231ad8@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

try : <http://www.fix.net/~jparker/wilderness/log.htm>

72 John K7FD

-----Original Message-----

From: K2UD@aol.com <K2UD@aol.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Sunday, July 09, 2000 9:50 AM
Subject: QRP logbooks, where?

>They were offered in the past, but I don't know where from. So I ask,
>"where
>from?"
>
>These were neat little logbooks for QRP/portable/backpack/backyard/bathroom
>operation, very similar to the ARRL Mini-logbook. I'd like to get a few.
>Who can tell me where they might still be available from?
>
>TNX all es 72
>
>Howard Kraus, K2UD
>

Date: Sun, 09 Jul 2000 09:54:17 -0700
From: John Kuklewicz N7ZN <kukl@cybrquest.com>
To: rcmcc@lucent.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74668] Re: Gel Cell Battery question
Message-ID: <3968AE39.72A9BED0@cybrquest.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

These units are well regarded in the renewable energy community. There are at least two commercial versions of this, sold under the trade names Power Pulse (tm) and Solargizer (tm). I use the Power Pulse units on my battery banks. I have heard no negative reports on these units.

I doubt these units would work properly with gel cell batteries because the electrolyte is essentially immobile. But I could be wrong here.

According to the marketing literature for one of these, a version is used by the military and some commercial fleets to keep the SLI batteries in good condition in

infrequently used vehicles. These versions incorporate solar panels to power the units. These sorts of organizations have the resources to extensively test things before putting them into the field.

The units typically sold (and described in the Homepower article) depend on the battery bank for a small amount of power. Thus, your batteries had best be getting topped off regularly. (i.e. solar panels or smart charger)

73;

John N7ZN

Ron McConnell wrote:

....
>
> The June/July issue has an article
> on a lead-acid battery desulfator
> that supposedly can restore some
> life to a dying battery that has been
> left uncharged.
> All new parts would cost about \$20.
> It's basically a DC-DC convertor
> that connects across the battery
> and hits it back with high voltage spikes
> to shake the sulfur coating off
> the lead plates and back into solution.
> This may be only for "wet" batteries
> and not gel cells.
> It's simple enough and cheap enough
> to give it a try on those neglected
> batteries.
> Any "pro" opinions on this?
>
> Cheers, 73,
>
> Ron McConnell
> w2iol@arrl.net

Date: Sun, 9 Jul 2000 10:08:05 -0700
From: "n6wg:First n6wg:Last" <n6wg@earthlink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [74669] Re: Source for Super-bright Diodes?
Message-ID: <002601bfe9c8\$4000f9c0\$e4f2fc9e@oemcomputer>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Bill

I bought a dozen or so "yellow" LEDs last year from Jameco to make my FD night light.

After I got them working I decided I didn't like the honey-colored light they gave.

I'm looking for ultra bright pale yellow LEDs now, to see if that will give a more useful kind of light.

73, Bob N6WG

Date: Sun, 9 Jul 2000 13:11:34 EDT
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [74670] Re: Icom Survey
Message-ID: <77.6847234.269a0c46@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/9/2000 9:25:00 AM Pacific Daylight Time,
JCoote@ci.arcadia.ca.us writes:

<< I was pleased to tell the survey that most of my operation was CW, data, 5 watts and under and that I used "politically incorrect" bands such as 1.8, 10, 18, 24, 50 and 223 MHz. >>

I enjoyed telling them strictly CW.

73...Adam, N7YA
QRP-L 1608, SOC 143
DXer...cant help it!
CW Spoken Here . .

Date: Sun, 09 Jul 2000 13:11:40 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [74671] Number 250 for 5BWAS/QRP
Message-ID: <3968B24C.3FC8799E@worldnet.att.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

HOORAAAY!

Jim, N5IB (LA.) and N1TP (FL) made our sked QRP CW at 1707 Zulu
on 28.060. N1TP overwhelmed N5IB with a 239 signal.

Thanks much, Jim!!!!!!
.

REALLY APPRECIATED!

QSL card is on its way.

Tom, N1TP

Date: Sun, 9 Jul 2000 12:09:42 -0500
From: Charles K Brown <n4so@juno.com>
To: wb8rcr@arrl.net
Cc: QRP-L@lehigh.edu
Subject: [74672] Re: Source for Super-bright LED'S
Message-ID: <20000709.120943.3902.7.n4so@juno.com>

wb8rcr,
BG Micro IR Illuminator Kit
36 high powered LED's

part nr. 157964 from JAMECO Electronics distributor
p. 83 in the current cat.
1 800-831-4242

Ken Brown N4S0
Mobile, AL EM50tk
NorCal 20 at 5 watts
4 element mono. yagi

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 9 Jul 2000 13:15:46 EDT
From: AdamN7YA@aol.com
To: qrp-l@lehigh.edu
Subject: [74673] Re: Number 250 for 5BWAS/QRP
Message-ID: <df.6ce7d6f.269a0d42@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 7/9/2000 10:12:43 AM Pacific Daylight Time,
n1tp@worldnet.att.net writes:

<< Jim, N5IB (LA.) and N1TP (FL) made our sked QRP CW at 1707 Zulu
on 28.060. N1TP overwhelmed N5IB with a 239 signal. >>

congrats!! Ill be proud to see that posted up there with a big QRP next to
it! the big boys take just about as long as we low power buffs do to
basically do the same thing!
Way to go!!

73...Adam, N7YA
QRP-L 1608, SOC 143
DXer...cant help it!
CW Spoken Here . .

Date: Sun, 09 Jul 2000 12:29:20 -0500
From: Dave Sjolín <sjolin@swbell.net>
To: n2tpa@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74674] Re: 10 Meter activity?
Message-ID: <3968B670.77DDB834@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

Bill Lazure wrote:

> For the past few nights I've kept an ear on 10 meters. I've heard
> quite a few beacons, but little else. I've heard some sporadic SSB;
> mostly in languages I don't speak. I haven't had any replies to my CW
> CQs. At the same time, I've heard some decent DX on 15. Why are people
> avoiding this band?
> To encourage it's use, and hopefully show the freebanders we're not
> abandoning our freqs, would anyone be up to a 10 Meter contest? Perhaps
> just a QRP get-together? an on-air QRP-L meeting?

Not to discourage you but this weekend there was IARU contest (both SSB and CW) and if that couldn't fill the band, I'm not so sure that a QRP contest will.

I worked AH8A on American Samoa and several South Americans yesterday afternoon and that's all I heard. Otherwise band was empty. It probably will pick up in the Fall with improved propagation and fewer outdoor activities.

I wonder if many of the stateside stations that you hear working Sporadic E on ten ssb have switched over to six meters during the E-skip season. That could be another reason for the lack of activity.

73 de Dave, N0IT

Date: Sun, 09 Jul 2000 10:45:17 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: K2UD@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74675] Re: QRP logbooks, where?
Message-ID: <3968BA2D.CB5B05D6@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wilderness Radio. See:

<http://www.fix.net/~jparker/wild.html>

Phil

K2UD@aol.com wrote:

>
> They were offered in the past, but I don't know where from. So I ask, "where
> from?"
>
> These were neat little logbooks for QRP/portable/backpack/backyard/bathroom
> operation, very similar to the ARRL Mini-logbook. I'd like to get a few.
> Who can tell me where they might still be available from?
>
> TNX all es 72
>
> Howard Kraus, K2UD

Date: Sun, 9 Jul 2000 14:00:28 -0000
From: "Winston F. Jones" <winjones@ix.netcom.com>
To: <m0cqg@dial.pipex.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [74676] Re: Ten-tec 1340 advice
Message-ID: <001c01bfe9ae\$0a4f1740\$601e56d1@winstonj>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Take it very slow and re-check each step as you do it. Follow the manual to the letter and do the tests at each place they call for it in the manual. I constructed the 1340 about two years ago and it worked right off. However, I had to re-do some soldering as I went. There's a few places where solder bridges are easy to make, so it helps to keep the iron tinned and well-cleaned.
73, winston K4CWQ

----- Original Message -----

From: M0CQG <m0cqg@dial.pipex.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Sunday, July 09, 2000 04:51 PM
Subject: Ten-tec 1340 advice

> Hi all
>
> OK, my first ever kit was a Ten-Tec 1340 and I screwed it up totally, which
> almost put me off kit-building for good :-(
>
> A year on and I'm now getting the hang of things. I've successfully built
> three kits - a Howes TRF receiver, a Howes DXR-20 three band HF receiver and
> a Small Wonder Labs DSW-30 (which I love - it's now my main rig). I didn't
> make many mistakes in building any of these, and was able to put right the
> minor mistakes without too much difficulty, so my confidence is back.
>
> Now, I've often fancied another go at a Ten-Tec kit (I guess I don't like
> the fact that the first one got the better of me!), so today I bought a
> 1340. This time, I want to get it right. So, anybody got any tips or
useful
> information on building this particular kit - do's and don't's, that kind
of
> thing?
>

> Any help, comments, suggestions very much appreciated.
>
> 72
>
> Mike
> M0CQG
>
>

Date: Sun, 09 Jul 2000 17:56:19 -0400
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>
Subject: [74677] FS: Argosy-II w/PSU
Message-ID: <3968F503.E14AA6E9@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Have for sale a T-T Argosy-II (digital readout) covers 80, 40, 30, 20,
15 & 10 meters U/LSB, CW. Has the 2.4 kHz 8 pole SSB and 500 Hz 8 pole
CW filters installed and dual position AF filter.

Electrical condition: 100%. Works great.

Cosmetic condition: Very Good to Excellent on the transceiver. Some
scratches on the PSU. PTO rebuilt about 1 year ago. Comes with a copy of
the manual.

Price: \$400 and we split shipping.

Reply by private e-mail, please.

73 Rich K7SZ

Date: Sun, 09 Jul 2000 13:04:41 +0100
From: Brian <brian@iquest.net>
To: w8diz@cinci.rr.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74678] Re: A-1 Operator
Message-ID: <39686A59.63062521@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Alright!!

That's very gud to hear.

Now maybe she can talk another member into allowing more pigs in!!

Hehehehe

w8diz wrote:

>
> Hey All,
>
> Heard some great news today...
>
> Our very own "Flying Pig" club member, Mary Cherry, NA6E
> is a new member of the "The A-1 Operator Club"
> <http://www.arrl.org/awards/a1-op/>
>
> CONGRATS Mary!
>
> 73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
> FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
> <http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

--

```
=====
KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
    39.558 N   86.095 W   Johnson Co., Indiana
    GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
    Proud to be a member of the American Radio Relay League
    FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
=====
```

Date: Sun, 09 Jul 2000 13:18:15 +0100
From: Brian <brian@iquest.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74679] Re: A-1 Operator
Message-ID: <39686D87.12537A2C@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Oh great.

Just got email flaming me for calling Mary a pig.

Let me explain. Mary, and myself, along with about 100 others, belong to a QRP club called the Flying Pig QRP Club. It originated in the Cincinnati (AKA Porkopolis) area which at one time in our nations history, was the pork slaughtering capital of the western world. One of the early icons of the era is a huge steel Flying Pig that can be found on some posts down by the Ohio River. Hence the name...

Hence, when I say MORE PIGS IN, I am in one aspect calling Mary a Flying Pig, and hoping that she can not be afraid to nominate other Flying Pigs to the A-1 Ops club at some point in the future.

R? QSL?

72

Brian wrote:

```
>
> Alright!!
>
> That's very gud to hear.
>
> Now maybe she can talk another member into allowing more pigs in!!
>
> Hehehehe
>
> w8diz wrote:
> >
> > Hey All,
> >
> > Heard some great news today...
> >
> > Our very own "Flying Pig" club member, Mary Cherry, NA6E
> > is a new member of the "The A-1 Operator Club"
> > http://www.arrl.org/awards/a1-op/
> >
> > CONGRATS Mary!
> >
> > 73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> > Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
> > FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
> > http://home.cinci.rr.com/w8diz [AOL-IM "w8diz"]
>
> --
```

> =====
> KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
> 39.558 N 86.095 W Johnson Co., Indiana
> GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
> Proud to be a member of the American Radio Relay League
> FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57
> =====

--

=====

KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

=====

Date: Sun, 09 Jul 2000 11:31:36 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: brian@iquest.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74680] Re: A-1 Operator
Message-ID: <3968C508.AA07F4A5@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Brian wrote:

>
> Oh great.
>
> Just got email flaming me for calling Mary a pig.
>

Funny (I guess)! Some folks don't read too well.

Phil

Date: Sun, 9 Jul 2000 14:46:03 -0400
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: <w7ox@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [74681] Re: A-1 Operator

Message-ID: <015601bfe9d5\$f1f60000\$1425143f@win98>

I think the mistaken notion was because someone wasn't "privy" to being a Flying Pig. Maybe he or she should be invited to become one. ;-)

72,
Erv W8ERV

Date: Sun, 9 Jul 2000 13:07:07 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-l@lehigh.edu
Subject: [74682] OHR100A dial marking accuracy
Message-ID: <396878FB.3992.614206@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The question of dial marking vs actual frequency was raised by an OHR100A builder, and while I have replied to him direct, my comments might be of interest to others.

First, the VFO is "reasonably linear," but the actual linearity will vary due to component tolerances, and most particularly (but not exclusively) the the linearity of the tuning pot. We use a "precision pot", but generally that refers to the tolerance on the total resistance and while the linearity is pretty good it is not perfect by any means. We could go to the next level of precision, but the cost would about \$20 MORE per pot! And of course we do offer the ten-turn pot option which provides for very precise tuning, but makes the panel markings completely irrelevant.

Note that many QRP kit rigs do not show frequency on the panel at all, but use a "log scale" of hash marks. It's up to the builder to "calibrate" them.

That said, the problem is minimized by setting the knob accurately for the frequency which will be most commonly used. For example, if you set the knob to read 0 at 7.000, then it will be out a good bit out at 7040 which is where you are most likely to need accuracy. But its a simple matter to set the knob to indicate 7.040 at 7.040, so that the inaccuracies occur well away from where they matter.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Sun, 9 Jul 2000 13:07:07 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: wd3p@juno.com, qrp-1@lehigh.edu
Subject: [74683] Re: Lots of neat stuff at
Message-ID: <396878FB.13544.6141C8@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hi, Larry--

>>Yes they don't work perfectly but I see it as better than the
alternative. One other thing I would add is that I can set the controls
separately for each person.<<

That's very useful, and of course most people who set filtering up in their
homes can control it to some extent, or turn it off for their own use.

A much bigger concern is companies where the MIS manager has been instructed to
block access to porno (some survey said that most access to porno sites is in
fact from guys at work!), and they don't want to maintain it on a reasonable
basis but just go with whatever is set by the filter purveyor. Public
libraries often have the same problem-- ours has both filtered and unfiltered
terminals, prominently marked, but apparently has no control over the
filtering.

Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Sun, 9 Jul 2000 15:20:32 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: qrp-1@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [74684] [FS] Bug

Message-ID: <200007091920.PAA18987@world.std.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Folks,

I have a Hi-Mound BK-100 bug for sale. Perfect condition. Only used to send dits and dahs (hi). With cable in original box. Shipping to CONUS included..... \$95.00

You can read about the BK-100 on the Morsex Web page:

<http://www.morsex.com/himound/#bk100>

--

/joel K1QM (k1 queen mary), Concord, MA.

QRP-L #337, QRP-ARCI #9305, MI-QRP #1641

Date: Sun, 9 Jul 2000 13:39:56 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-l@LeHigh.EDU>

Subject: [74685] Summer Fox Hunt Teams

Message-ID: <Pine.LNX.3.95.1000709133608.19013A-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

It appears I don't have the Team totals correct right now....checked it out and my printer did it to me or the software again.....it printed Doc's log down aways and then skipped a whole bunch and printed the last contacts.....this happened once last year and I didn't really figure it out...HI HI....so I hope to get time today to get it all straightened away and posted again....thanks to everyone who tipped me off about this problem....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 9 Jul 2000 16:08:11 -0400

From: Ron S Stone <rsstone@juno.com>

To: qrp-l@Lehigh.EDU

Subject: [74686] Re: QRP-L Web Master

Message-ID: <20000709.160812.-309237.2.rsstone@juno.com>

MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Cla,

I'm having problems lately posting messages to the list (QRP-L). I've asked Jim for assistance but haven't heard back. Is there anything you can do? I set my status on postpone because I always review the traffic on the website. This didn't used to affect my ability to post messages. Anyway, I'd appreciate your help and advice. Many thanks.

72,

Ron (KA3J)

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Sun, 09 Jul 2000 16:18:59 -0400
From: tom palmer <n1tp@worldnet.att.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [74687] FOX HUNT TWO
Message-ID: <3968DE33.50C62444@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hound Number TWO, A1, AE2T, is pounding into Florida.

Texas, also, apparently, cuz hear many Pesky Texans bagging pelts.

Doc, K0EVZ, bagged his pelt around 2007 or even earlier..

Condx on 20 sound pretty good, cept there's a QRP contest on 14.060.

GO "SWAMP RATS!"

Tom, N1TP

Date: Sun, 9 Jul 2000 14:25:36 -0600 (MDT)
From: "Karl F. Larsen" <k5di@zianet.com>
To: QRP-L List <qrp-l@lehigh.edu>
Subject: [74688] FOX found!
Message-ID: <Pine.LNX.4.10.10007091423210.1142-100000@cannac.ampr.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Worked the FOX AE2T on 14.062.2 MHz and got 569 NY AL 1664. He is about 569 here in NM now with QSB.

Rig here is Ten Tec Argonaut 509 and TH6DXX at 50 feet.

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

Date: Sun, 9 Jul 2000 16:25:22 -0400
From: "w8diz" <w8diz@cinci.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [74689] Re: FOX HUNT TWO
Message-ID: <001901bfe9e3\$cf0284c0\$1461a518@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Yup,

Got A1 at 2020Z - sigs are 339 - 599 in SW Ohio plus contest QRM

TNX A1 - this could be habit forming :-)

73 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39.218N - 84.305W
FPqrp-1 SOC-8 DLQRPAG-1454 ARCI-10226 QRPL-1998 10X-9389 CATT-26 K2-493
<http://home.cinci.rr.com/w8diz> [AOL-IM "w8diz"]

----- Original Message -----

From: "tom palmer" <n1tp@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Sunday, July 09, 2000 4:18 PM
Subject: FOX HUNT TWO

> Hound Number TWO, A1, AE2T, is pounding into Florida.
>
> Texas, also, apparently, cuz hear many Pesky Texans
> bagging pelts.
>
> Doc, K0EVZ, bagged his pelt around 2007 or even
> earlier..
>
> Condx on 20 sound pretty good, cept there's a QRP contest on
> 14.060.
>
> GO "SWAMP RATS!"
>
> Tom, N1TP
>

Date: Sun, 09 Jul 2000 15:21:42 +0100
From: Brian <brian@iquest.net>
To: n1tp@worldnet.att.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74690] Re: FOX HUNT TWO
Message-ID: <39688A76.4FFF975F@iquest.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

He's sounding great in Indiana/Ohio as the Flying Pigs have scored a couple even with QRM from the contest. (What contest???)

tom palmer wrote:

>
> Hound Number TWO, A1, AE2T, is pounding into Florida.
>
> Texas, also, apparently, cuz hear many Pesky Texans
> bagging pelts.
>
> Doc, K0EVZ, bagged his pelt around 2007 or even
> earlier..
>

> Condx on 20 sound pretty good, cept there's a QRP contest on
> 14.060.
>
> GO "SWAMP RATS!"
>
> Tom, N1TP

--

=====

KB9BVN NORCAL 2792 FISTS 5695 QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Ten Tec Scout - Attic Dipole - 5w
Proud to be a member of the American Radio Relay League
FISTS Century Club #764/#24 QRP - Flying PIG QRP #-57

=====

Date: Sun, 09 Jul 2000 16:09:28 -0500
From: Lew Paceley <lew@paceley.com>
To: n1tp@worldnet.att.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [74691] FOX HUNT TWO - Al Doing Great By Us Texans
Message-ID: <00e801bfe9e9\$f7e205e0\$0332a8c0@roland.swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

> Texas, also, apparently, cuz hear many Pesky Texans
> bagging pelts.
> GO "SWAMP RATS!"
> Tom, N1TP

Yo! I resemble that remark :-) Fortunately, TX to NY is pretty reliable on 20m in the PM. There's some QSB here in Dallas but Al remains very workable despite the slow fade. Glad to hear my neighbors in the Lone Star State are taking full advantage of the situation!

Al is doing a great job. He's been going non-stop despite the contest happening around him. We are extremely fortunate to have great ops like Al and Doc for foxes. Thanks gents! Kudos and thanks as well to whoever volunteered/picked them.

As a newbie to the sport, I'm definitely addicted at this point. I probably won't make it to the Austin Hamfest until Saturday because of the hunt!

72,
Lew

N5ZE

Date: Sun, 09 Jul 2000 17:16:32 -0400
From: Paul Womble <pwomble1@tampabay.rr.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [74692] Fox AE2T
Message-ID: <3968EBB0.AFAEFD@tampabay.rr.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Al is still on 14.062 with not many callers @ 2117z. He has been 599 here in Florida all afternoon.

Go get him!

73
Paul AJ4Y

Date: Sun, 9 Jul 2000 17:23:08 -0400
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: QRP-L Discussion Group <QRP-L@Lehigh.edu>
Cc: "W.D.(Doc)Lindsey/K0EVZ" <70511.3041@compuserve.com>
Subject: [74693] FOX **LOUD** into ND
Message-ID: <200007091724_MC2-AB7D-BBAC@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: 7bit
Content-Type: text/plain;
charset=us-ascii
Content-Disposition: inline

Gang:

Was concerned earlier about signals on 20 Metres this afternoon. Seemed to me they might be too weak or QSB for the Summer FOX Hunt, based on earlier QSO's today.

Wroooooooooooooonnnnnnnnnnnngggggggggggg ! ! !

AL AE2T was and still is booming into ND. I gave him a 589 during our QSO at 2008, and he is still working them at a good clip.

If you get a chance, hunt this FOX. He has a terrific signal out there. He was on 14.062.2 according to the K2. Set it at 0.9 watts into the 540' horizontal loop up 33'. Let's *everyone* go get Da FOX :-).

72/73,

--W.D. (Doc) Lindsey

DSBF

PO Box 6028

Bismarck, ND 58506

(Shipping = DSBF, 2020 Lovett Ave, Bismarck, ND, 58504)

E-Mail = K0EVZ@arrl.net

Date: Sun, 9 Jul 2000 15:27:27 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>

Subject: [74694] SFH guidelines ponderings

Message-ID: <Pine.LNX.3.95.1000709151204.25201A-1000000@neale.gpfn.sk.ca>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

A couple of points have been brought up regarding the Teams in the Summer Fox hunt...good points too!....in order to establish a guideline for these points, I will accept Teams (maximum 5 members) and any changes in the present Team lineups until just before the next hunt...so beginning with next Thursday's hunt the Teams will be the Teams as have been formed...I will be missing the next 2 hunts because I'll be in Moontana at the Glacier hamfest presenting the second QRP Get-together as well as enjoying the entire hamfest (hope it doesn't snow this year!)....no problem...we're all in this hunt for the FUN!.....aren't we?... :-)thank you.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Sun, 9 Jul 2000 15:50:28 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>

To: "Richard Brummer, K2JQ" <k2jq@bestweb.net>

Cc: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>

Subject: [74695] Re: SFH guidelines ponderings

Message-ID: <Pine.LNX.3.95.1000709154548.25201E-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...picture this.....

Thanks for reminding me about that Dick!....HI HI....if I forget my passport, I just lean closer and whisper the magic words to the Customs officer... "QRP!".....upon hearing this the Custom officer leans closer to me and whispers...."Go to jail, go directly to jail, do not pass GO!"

:~))

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - SOC #11 & #12 - Whiner#10 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

On Sun, 9 Jul 2000, Richard Brummer, K2JQ wrote:

> >I will be missing the next 2 hunts because I'll be in Moontana at the
> >Glacier hamfest presenting the second QRP Get-together
>
> Got your passport in order, Bruce ?
>
> Have a GREAT time ! Maybe I'll make it out there one of these days (years).
>
> 73,
> Dick K2JQ
>
>

Date: Sun, 9 Jul 2000 17:04:04 -0500 (EST)
From: Bob Cromwell <cromwell@ecn.purdue.edu>
To: qrp-l@Lehigh.EDU
Subject: [74696] Another SMK-1 on the air!
Message-ID: <200007092204.RAA09306@rvl3.ecn.purdue.edu>

I've been on the road with work, and have only recently gotten my SMK-1 on the air. I made the ~850mW mod, getting the 12V supply for the final with a 1 mH choke (hey, it was handy...) connected to a through hole near a transistor on the pot side of the transformer (don't have the board with me here in the lab to quote the exact location).

With an antenna consisting of a quarter-wave of wire thrown off

my 2nd floor apartment balcony and draped head-high through a couple of trees, I managed to work WA3BKD/MM on a houseboat on the Ohio River north of Wheeling WV. As I'm in West Lafayette IN, I'm pretty happy with that!

The next step is to test my new antenna, which is a discrete connection to the building's rain gutter.

First HF QSO from home in, wow, probably 10 years! Have been on HF at the Purdue club (W9YB) but not from a series of apartments. The SMK-1 provides fun and a sense of accomplishment -- what more do I need? I know, I know, the next SM kit!

Bob KC9RG
cromwell@ecn.purdue.edu

Date: Sun, 9 Jul 2000 16:06:44 -0600
From: "Marshall Emm" <mgemm@mtechnologies.com>
To: qrp-1@lehigh.edu
Subject: [74697] FOX: Al's tagged & bagged
Message-ID: <3968A314.26696.105BBAE@localhost>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Took some doing, but amid the QRM (digital, mostly) and QRN and QSB managed to bag Al fairly well into the hunt. Longest I've spent trying to bag a fox for some time. And fellow Raider of the Lost Arf WJ1R worked him a few minutes later-- on one call.

Propagation seemed pretty sporadic, with signals from all over appearing then vanishing. Sounds like it was a pretty good run, though, and I'm considerably relieved (your Summer Fox Committee had considerable trepidation about the Sunday hunts, which is why each Fox will be doing one Thursday and one Sunday)!

Nice work Al, and thanks for setting the pace.
Marshall Emm, N1FN
Milestone Technologies, Inc.
(303) 752-3382
<http://www.mtechnologies.com>

Date: Sun, 9 Jul 2000 15:17:18 -0700
From: "Damon Raphael" <w7md@azstarnet.com>

To: <qrp-1@lehigh.edu>
Subject: [74698] Fox_Pelt #2 Serendipitiouly
Message-ID: <001101bfe9f3\$731453e0\$7126c5a9@virgo>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Being new to this - I thought that the Sunday hunt would be starting at the same time as this past Thursday.

While listening to the ARCI Summer Homebrew Sprint and trying to figure out how to configure Writelog to log and score the contest, I heard AE2T thru the QRM on or about 14.064 with my new OHR100A "deathray". I nabbed him on the 1st call thanks to the 6 el monobander and Marshall Emm's fine engineering. Running about 4.5 watts according to the WM-2

73,

Damon W7MD
Tucson AZ

Date: Sun, 09 Jul 2000 17:24:21 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-1@lehigh.edu
Subject: [74699] Too many keys (sale)!
Message-ID: <3.0.2.32.20000709172421.006fdaec@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Greetings all,

I have several keys for sale. First, a like-new Speed-X 310-001 classic oval base key (black crinkle finish) all nickel hardware, first \$30 gets it, shipped in conUS.

Also I have a brand new (not a single dit or dah) in box Speed-X Super Squeeze Key SSK-001 iambic paddle. Yours for \$65 shipped in conUS.

72, Paul WA9PWP

Paul Goemans WA9PWP
1508 Sundt Lane Stoughton, Wi 53589
wa9pwp@arrl.net

Date: Sun, 9 Jul 2000 15:40:30 -0700
From: "Coote, Jay" <JCoote@ci.arcadia.ca.us>
To: "'qrp-1@lehigh.edu'" <qrp-1@lehigh.edu>
Subject: [74700] Antenna Tuner Question
Message-ID: <131CE266CAD0D211B3550008C7C9A2D51CBC58@arcadia-pd1.arcadiapd.com>
MIME-Version: 1.0
Content-Type: text/plain

A few years I saw a schematic of a link-coupled HF antenna tuner.
The design looked a bit like a Z match, or old Johnson Matchbox.
Here's my question:
The output (antenna) link coil was balanced and had no center-tap or
other
chassis/ground connection, but there were two high-value resistors
which connected from each end of the output coil to chassis.
My guess is that this was for static dissipation, and not some balancing
scheme?
Enlighten us, antenna gurus.
Thanks
Jay Coote, W6CJ

Date: Sun, 9 Jul 2000 17:32:08 -0400
From: hamjoel@juno.com
To: qrp-1@lehigh.edu
Subject: [74701] Doc the Fox
Message-ID: <20000709.184144.-247101.2.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Doc...
and Y'all
I actually worked the fox the other night...amazing thing...a fox signal
making its way into strong maine...
maybe I'll have better luck on twenty this summer....I watched a tornado
pass by the house the other day, maybe a mile or so away... thought my
qrp was gonna qrt for a while...
Right now I'm working on a way to get my qrp++ into my kayak and a way
to bring along some folding poles to hold up a dipole... my fish finder
is taking up a lot of room and so far a mounting scheme has not revealed
itself to me...
Course now I may have to change the way I exit the kayak... after a long
day of sittin and fishing... I just hit the shore and lean over... and
out I come.... course the radio may not take to the water like the fish

finder...

ke1la joel
in maine
fishing a lot

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

End of QRP-L Digest 1877

